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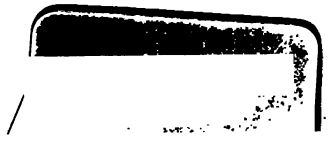

# ARBORETUM ET FRUTICETUM BRITANNICUM.

## VOL. VII.

### THIRD VOLUME OF PLATES.

LONDON:
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# ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

## THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN
LANDSCAPE-GARDENING;

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

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IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

VOL. VII.

THE PLATES FROM BIGNONIA'CEÆ TO CORYLA'CEÆ.

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### The Syringa-leaved Catalpa.

14 ft. high, 2½ in diam.

## *Nýssa biflòra.*

The two-flowered Nyssa, *or* ***Tupelo tree.***

Full-grown tree at Thompson's Villa, Richmond, 84 ft. high.
[Scale 1 in. to 12 ft.]

## *Elæágnus orientàlis.*

## The Eastern Oleaster.

18 ft. high, 8 in. diam.

*Hippóphae rhamnöides angustifòlia.*

**The narrow-leaved Rhamnus-like Sea Buckthorn.**

14 ft. high, 5 in. diam.

## *Laúrus* Sássafras.

## The Sassafras tree.

10 ft. high, 1½ in. diam.

## *Laúrus* Sássafras.

## The Sassafras tree.

Full-grown tree at Syon, 46 ft. high; diam. of the trunk, 3 ft.; and of the head, 34 ft.
[Scale 1 in. to 12 ft.]

## *Nýssa biflòra.*

The two-flowered Nyssa, *or Tupelo tree.*

Full-grown tree at Thompson's Villa, Richmond, 34 ft. high.
[Scale 1 in. to 12 ft.]

## LI. A.

## *Elæágnus orientàlis.*

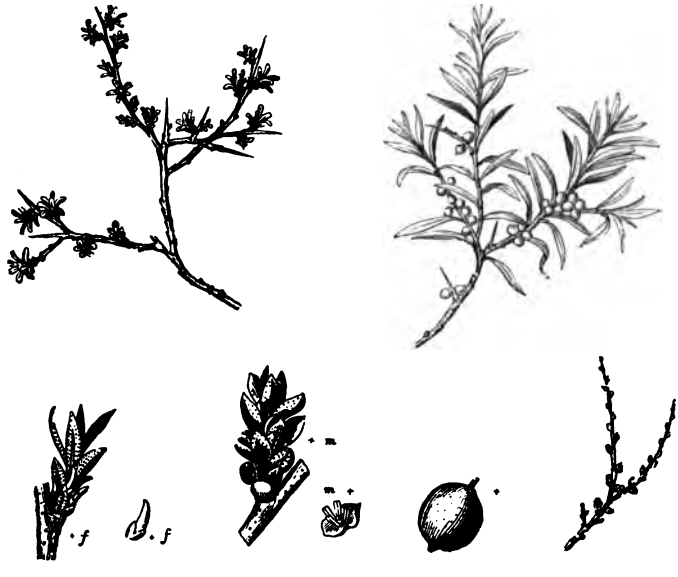
## The Eastern Oleaster.

18 ft. high, 8 in. diam.

*Hippóphae rhamnöìdes angustifolia.*

**The narrow-leaved Rhamnus-like Sea Buckthorn.**

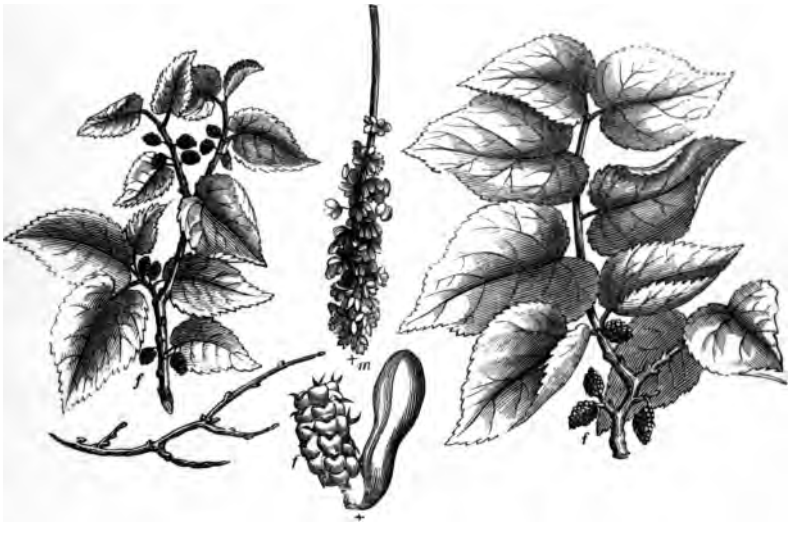
14 ft. high, 5 in. diam.

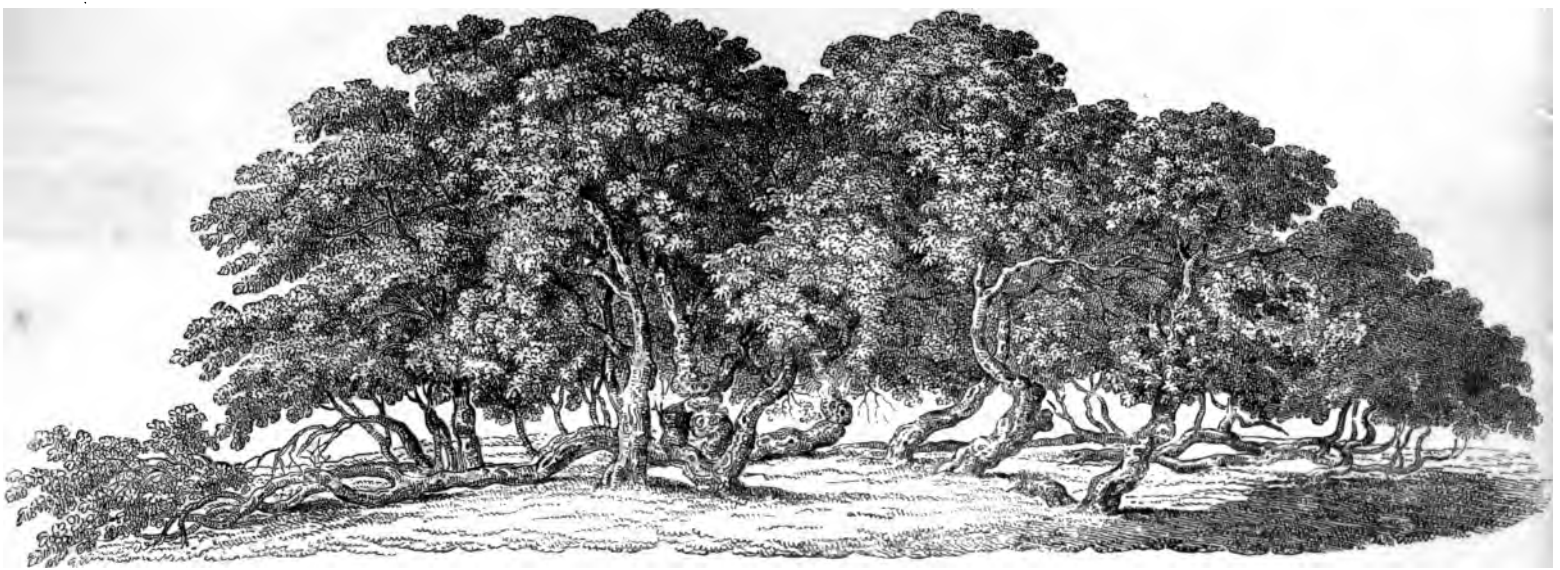


## *Mòrus nìgra.*

**The black-*fruited, or common,* Mulberry tree.**

11 ft. high, 8 in. diam.





**Remarkable tree at Batterses, upwards of 300 years old; 26 ft. high, with above 15 stems, and covering a space 74 ft. by 60 ft.**
**[Scale 1 in. to 12 ft.]**

## Mòrus álba.

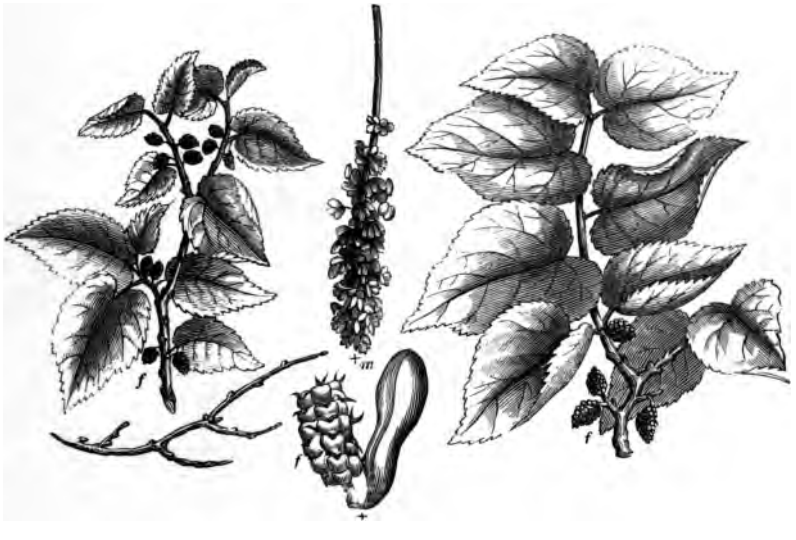
## The white-*fruited* Mulberry.

15 ft. high, 5½ in. diam.

## Mòrus nìgra.

### The black-*fruited, or common,* Mulberry tree.

11 ft. high, 8 in. diam.



Remarkable tree at Battersea, upwards of 800 years old; 26 ft. high, with above 15 stems, and covering a space 74 ft. by 60 ft.
[Scale 1 in. to 12 ft.]

## Mòrus álba.

## The white-*fruited* Mulberry.

15 ft. high, 5½ in. diam.

## LVI. c.

### *Mòrus pennsylvánica.*

### The Pennsylvanian Mulberry tree.

13 ft. high, 3 in. diam.

## LV. A.

*Broussonètia papyrífera.*

The paper-bearing Broussonetia.

21 ft. high, 6 in. diam.

## LIII. A.

### Fìcus Cárica.

The *common* Fig-tree.

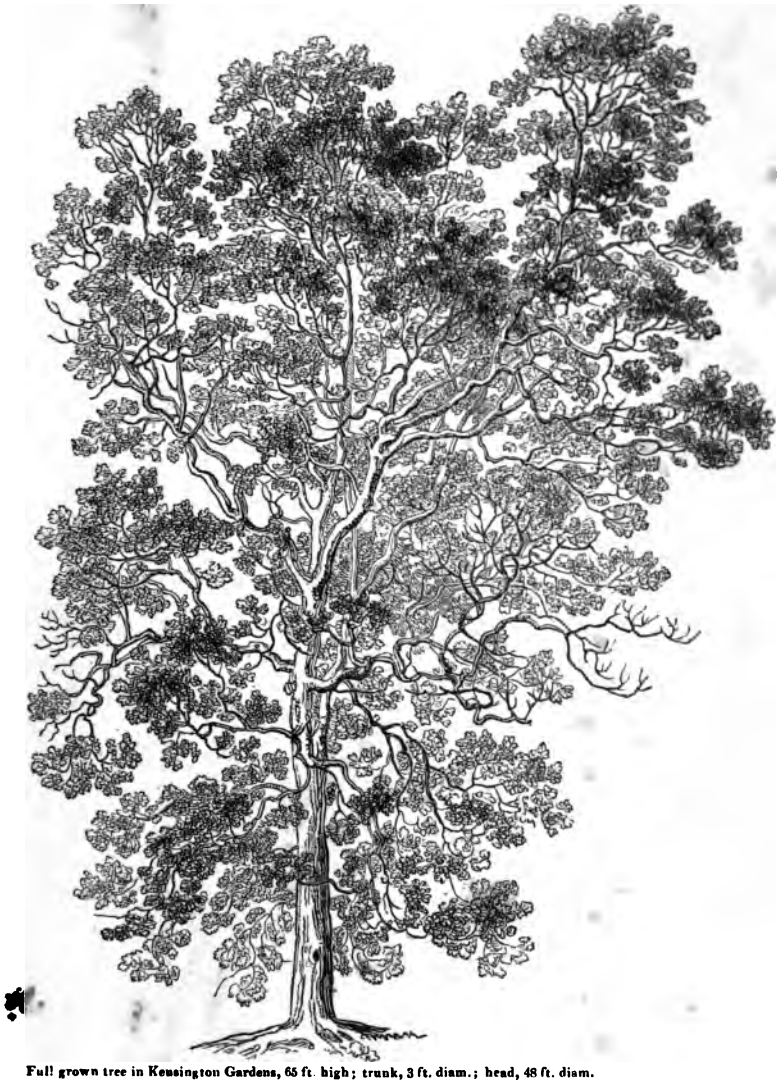
10 ft. high, 9½ in. diam.

Ulmus campestris.

The *common English, or* Field Elm

## *Úlmus campéstris.*

### The field, *or Common English*, Elm.



Full grown tree in Kensington Gardens, 65 ft. high; trunk, 3 ft. diam.; head, 48 ft. diam.
[Scale 1 in. to 12 ft.]

*ornish*, Elm.

*Úlmus campéstris viminàlis.*

The twiggy field, *or English*, Elm.

25 ft. high, 5 in. diam.

*Úlmus planifòlia.*

**The flat-leaved Elm.**

12 ft. high, 2½ in. diam.

## Úlmus campéstris suberòsa.

The cork-*barked* field Elm.

18 ft. high, 5 in. diam.

LVIII. B.

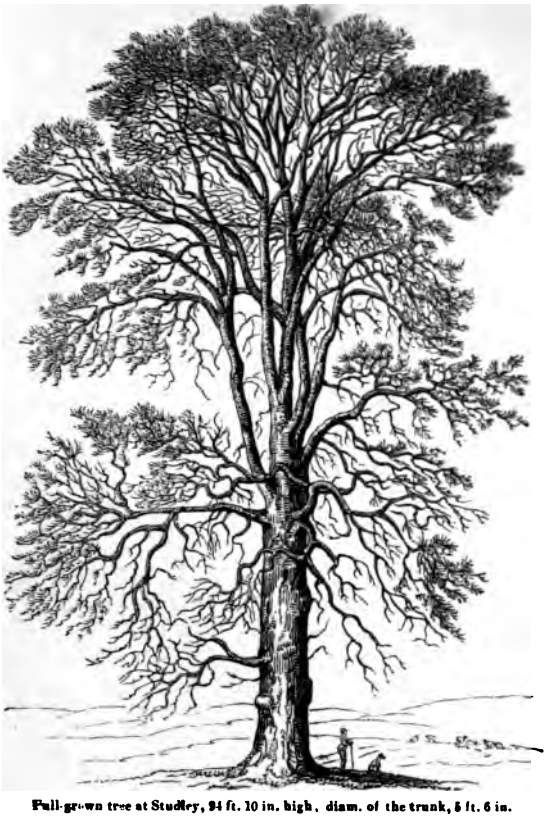
*Ulmus major.*

The larger-*leaved* Elm.

Printed from Zinc by Day & Haghe.

## *Úlmus* (*campéstris*) *màjor*.

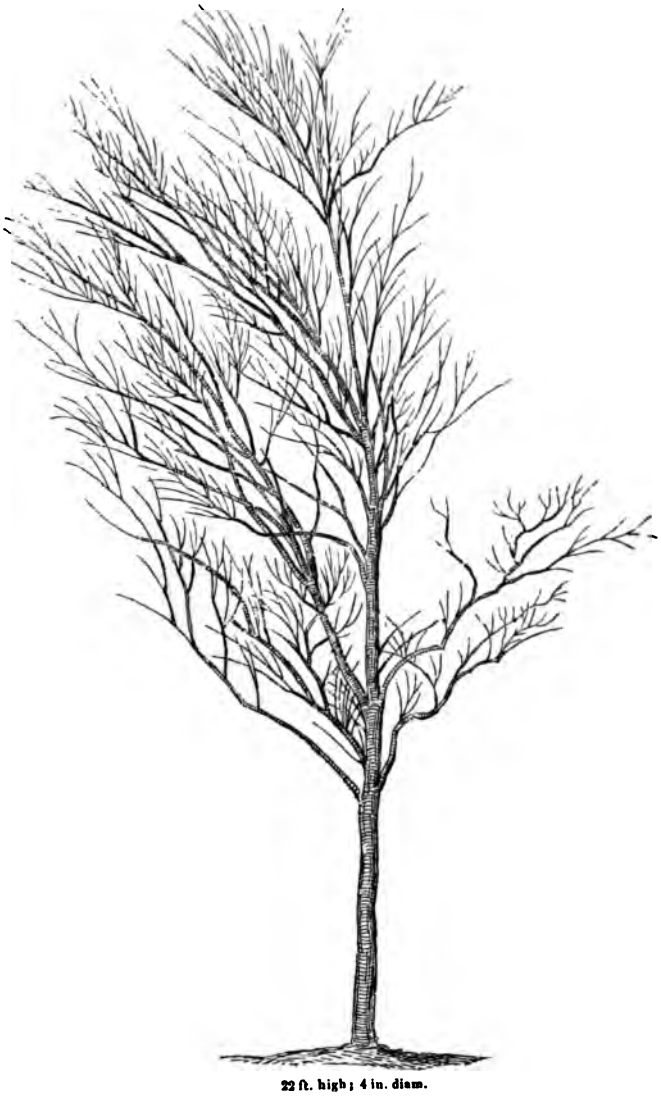
## The greater, *or Dutch cork-barked*, Elm.



Full-grown tree at Studley, 94 ft. 10 in. high, diam. of the trunk, 5 ft. 6 in.
[Scale 1 in. to 24 ft.]

## *Úlmus effùsa.*

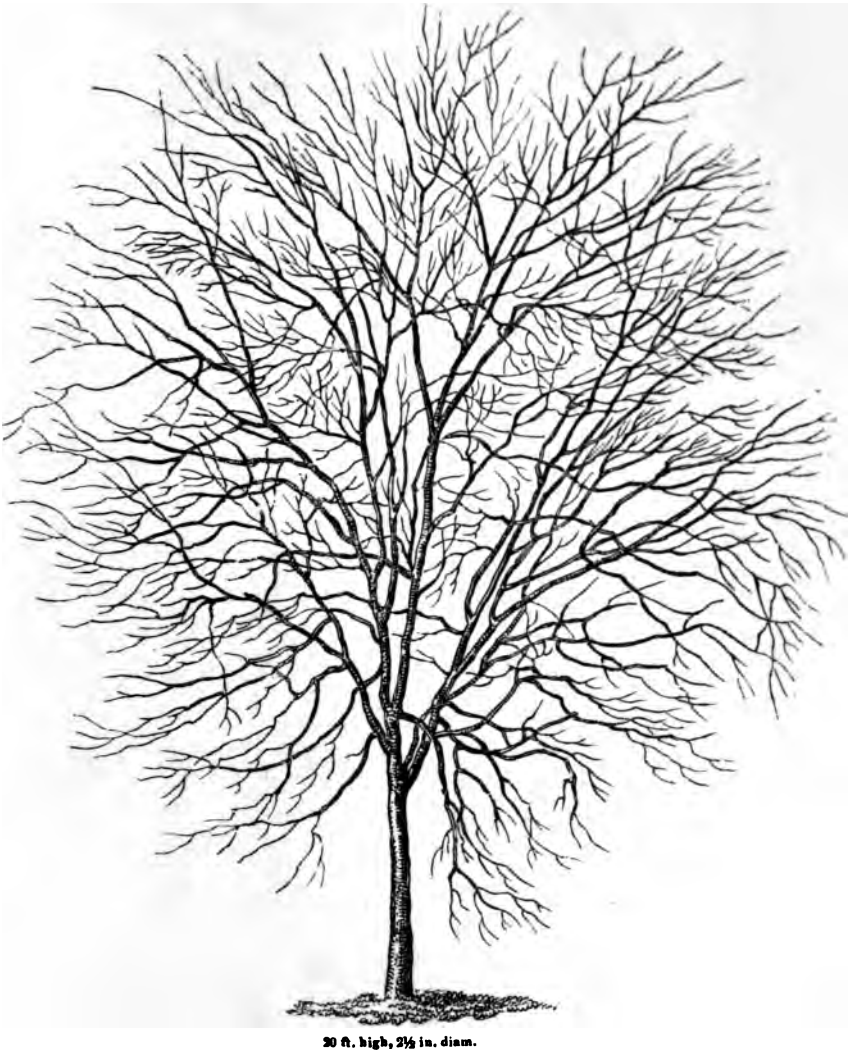
## The spreading *branched* Elm.



22 ft. high; 4 in. diam.

*Úlmus montàna màjor.*

The larger Mountain, *Scotch, or Wych*, Elm.



20 ft. high, 2½ in. diam.

## *Planéra Richárdi.*

## Richard's Planera, *or the Zelkoua tree.*

Full-grown tree at Syon, 54 ft. high.

## LIX. c.

### *Céltis Tournefórtii.*

### Tournefort's Celtis, *or Nettle tree.*

10 ft. high, 2 in. diam.

## *Céltis occidentàlis.*

## The Western, *or American*, Nettle Tree.

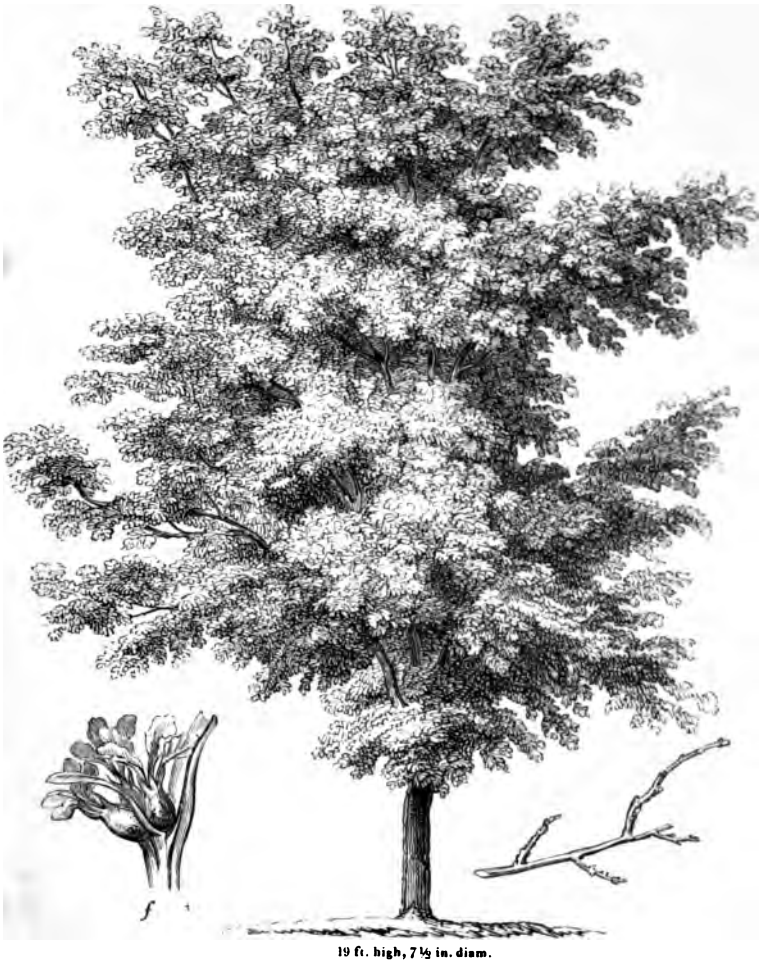
15 ft. high, 2½ in. diam.

## *Úlmus americàna incìsa.*

## The cut-*leaved* American Elm.

## *Jùglans règia.*

### The *common, or* royal Walnut Tree.




19 ft. high, 7½ in. diam.

## *Jùglans règia.*

## The Royal, *or common*, Walnut Tree.

Full grown tree at Chiswick, 54 ft. high; diam. of the trunk, 4½ ft. and of the head, 50 ft.
[Scale 1 in. to 12 ft.]

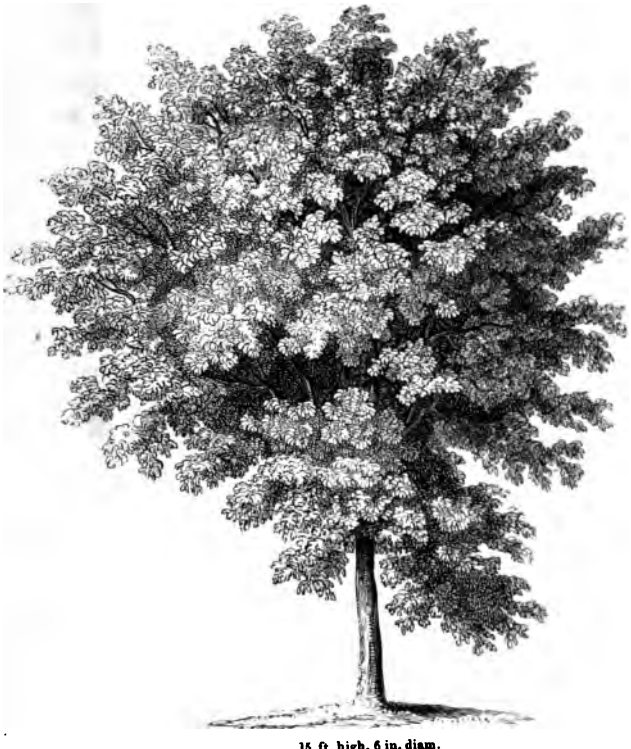
## *Jùglans règia.*

## The *common, or* Royal, Walnut.

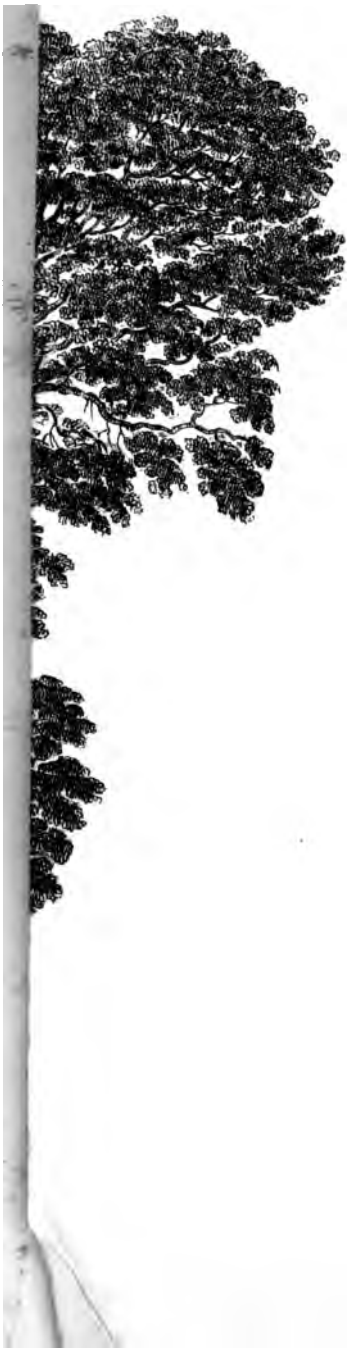
Full-grown winter tree at Studley, 82 ft. high; diam. of the head, 96 ft.
[Scale 1 in. to 24 ft.]

*Jùglans nìgra.*

The black Walnut tree.

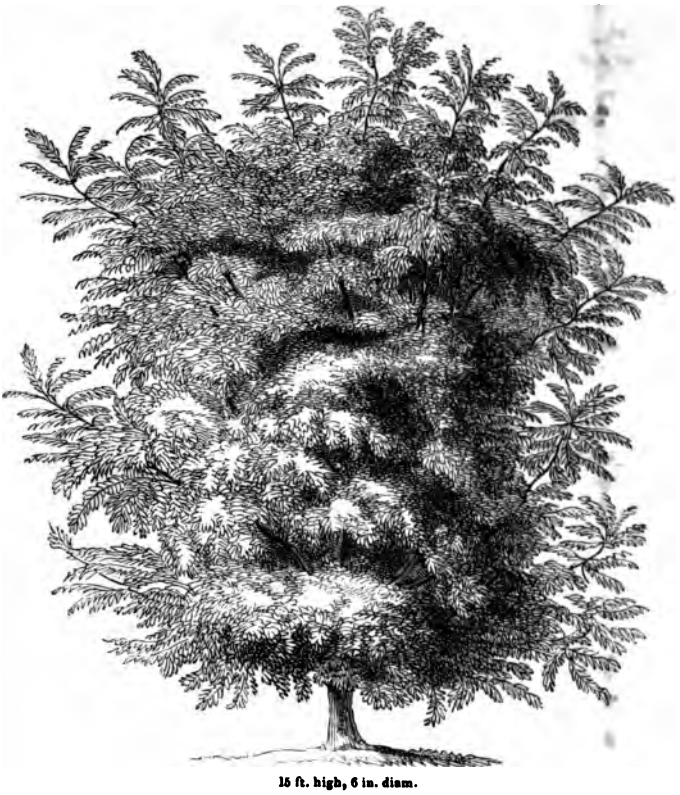


15 ft. high, 6 in. diam.



*Jùglans cinèrea.*

The grey-*barked* Walnut, *or Butter nut.*



15 ft. high, 6 in. diam.

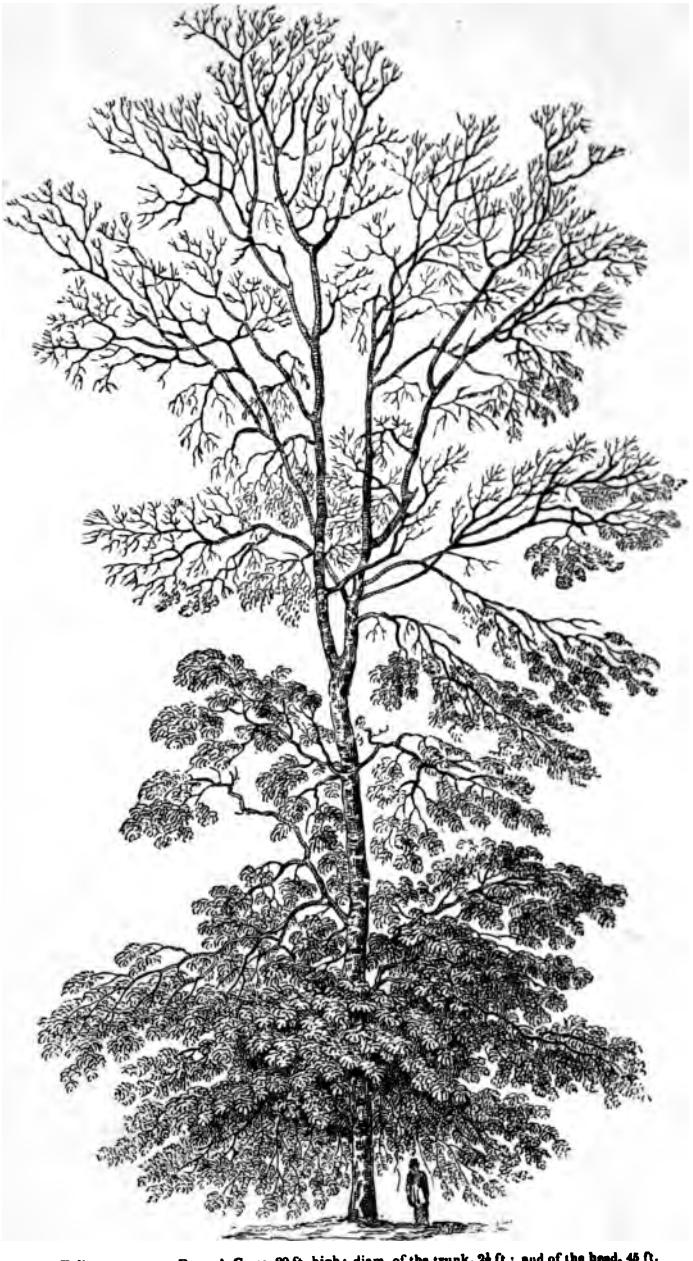
*Jùglans fraxinifòlia.*

**The Ash-leaved Walnut tree.**

11 ft. high.

*Càrya alba.*

The white Carya, *or shell bark Hickory Nut.*



Full-grown tree at Purser's Cross, 80 ft. high; diam. of the trunk, 2½ ft.; and of the head, 45 ft. [Scale 1 in. to 12 ft.]

*Pterocàrya caucásica.*

The Caucasian Pterocarya

12 ft. high; the stems 2 in. diam.

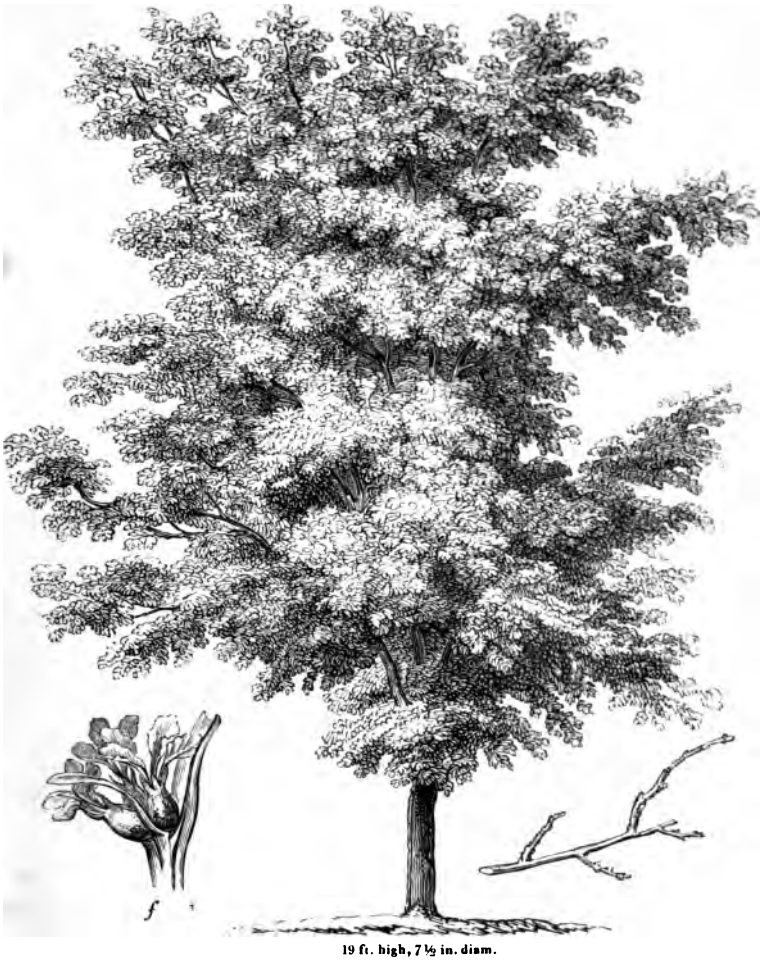
*Céltis occidentàlis.*

The Western, *or American* [redacted] tree.

Full-grown tree at Syon, 58 ft. high; diam. of the trunk, 3 ft.; and of the head, 40 ft.
[Scale 1 in. to 12 ft.]

## *Jùglans règia.*

## The *common, or* royal Walnut Tree.




19 ft. high, 7½ in. diam.

## *Jùglans règia.*

## The Royal, *or common*, Walnut Tree.

Full grown tree at Chiswick, 54 ft. high; diam. of the trunk, 4½ ft. and of the head, 50 ft.
[Scale 1 in. to 12 ft ]

## *Jùglans règia.*

## The *common, or* Royal, Walnut.

Full-grown winter tree at Studley, 82 ft. high; diam. of the head, 96 ft.
[Scale 1 in. to 24 ft.]

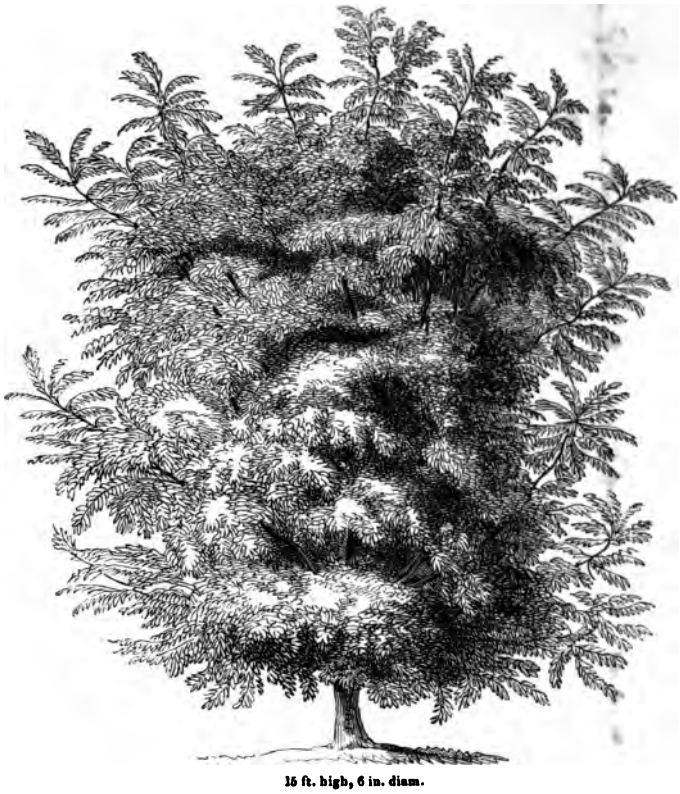
## *Jùglans nìgra.*

## The black Walnut tree.

15 ft. high, 6 in. diam.

## *Jùglans cinèrea.*

## The grey-*barked* Walnut, *or Butter nut.*



15 ft. high, 6 in. diam.

*Jùglans fraxinifòlia.*

The Ash-leaved Walnut tree.

11 ft. high.

*Cárya alba.*

**The white Carya, *or shell bark Hickory Nut.***

Full-grown tree at Purser's Cross, 80 ft. high; diam. of the trunk, 2½ ft.; and of the head, 45 ft. [Scale 1 in. to 12 ft.]

## *Pterocàrya caucásica.*

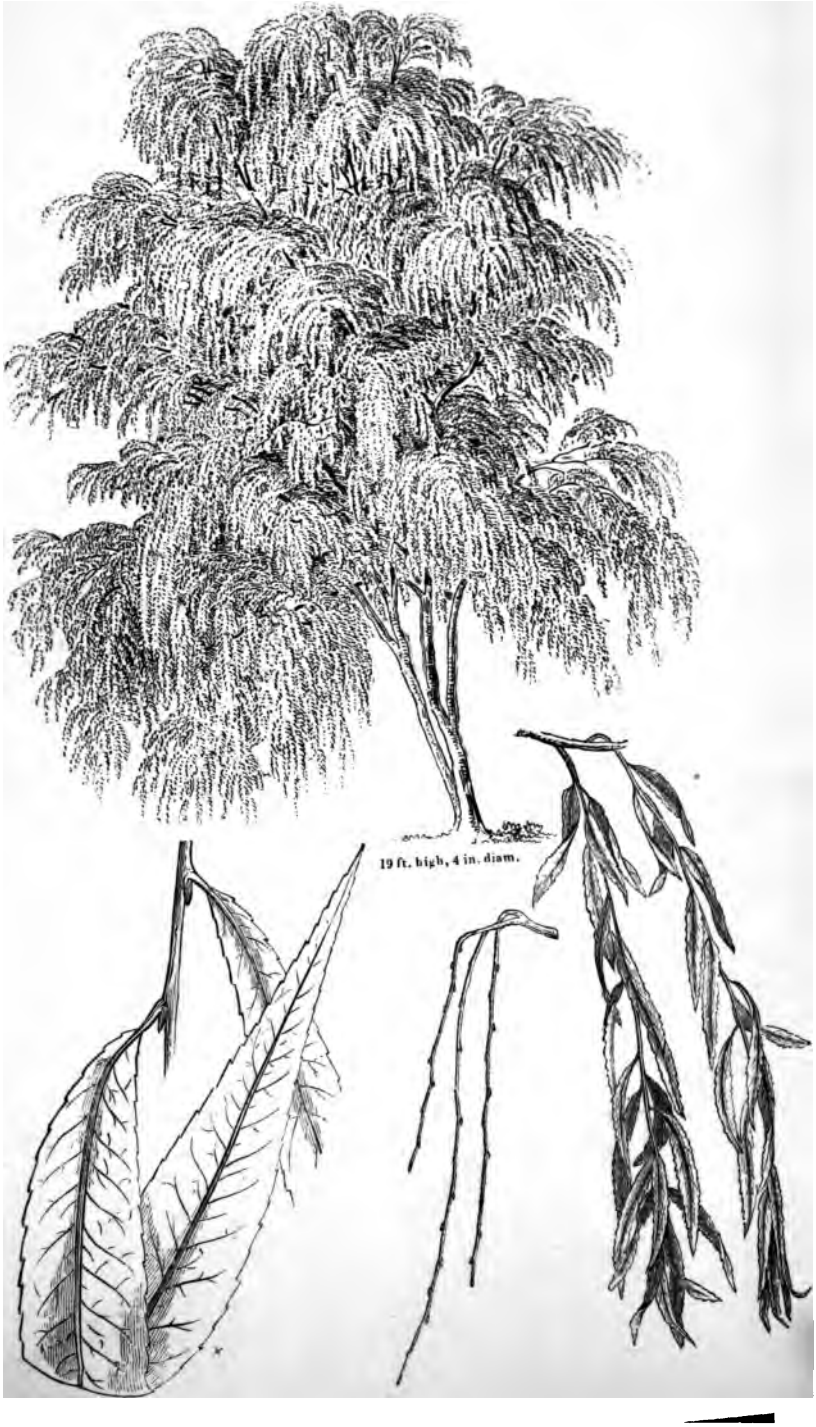
## The Caucasian Pterocarya

12 ft. high; the stems 2 in. diam.

## LXII. E.

### *Sàlix babylónica.*

### The Babylonian, *or Weeping*, Willow.

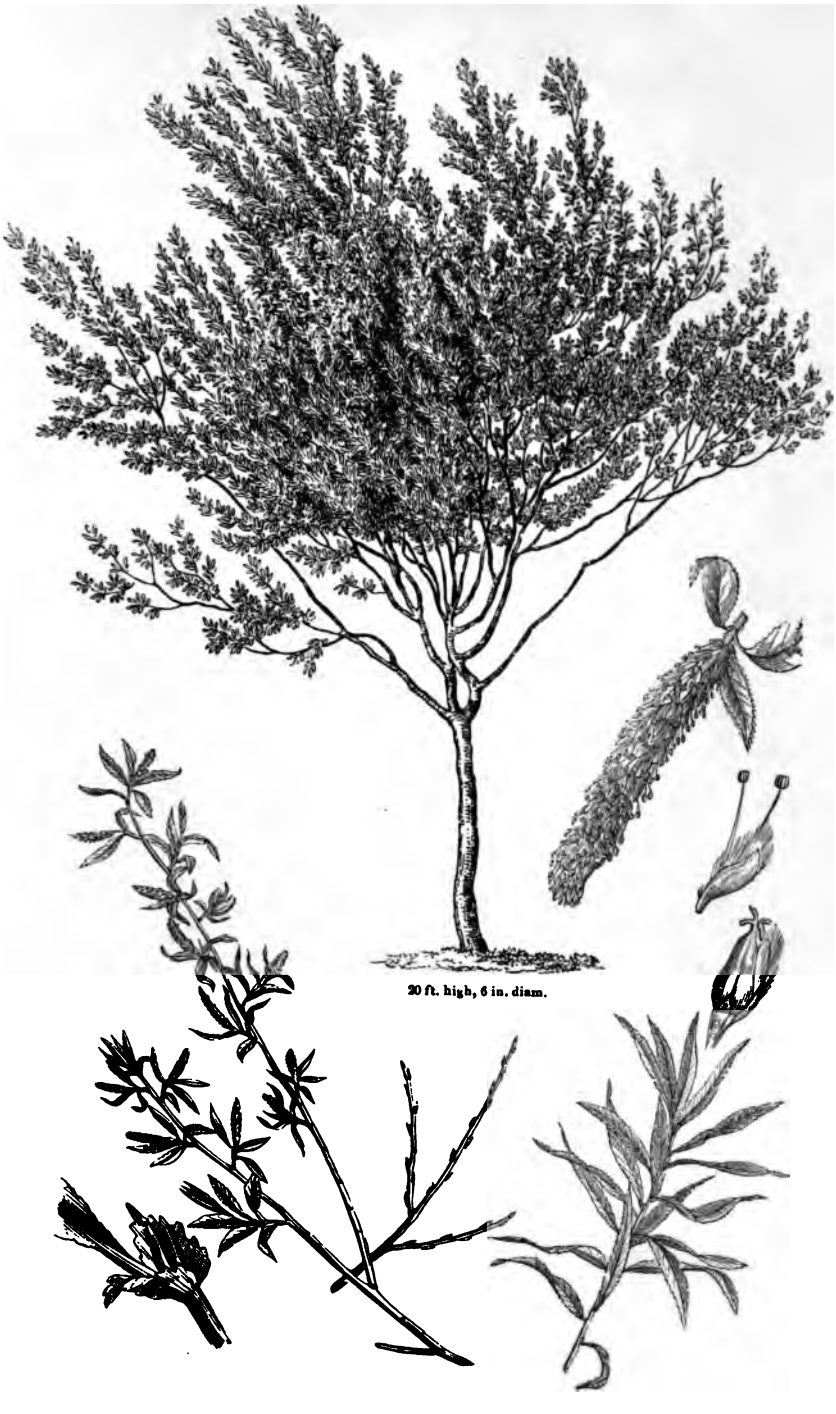


*Sàlix babylónica crispa.*

The curled-*leaved* Babylonian, *or Weeping*, Willow.

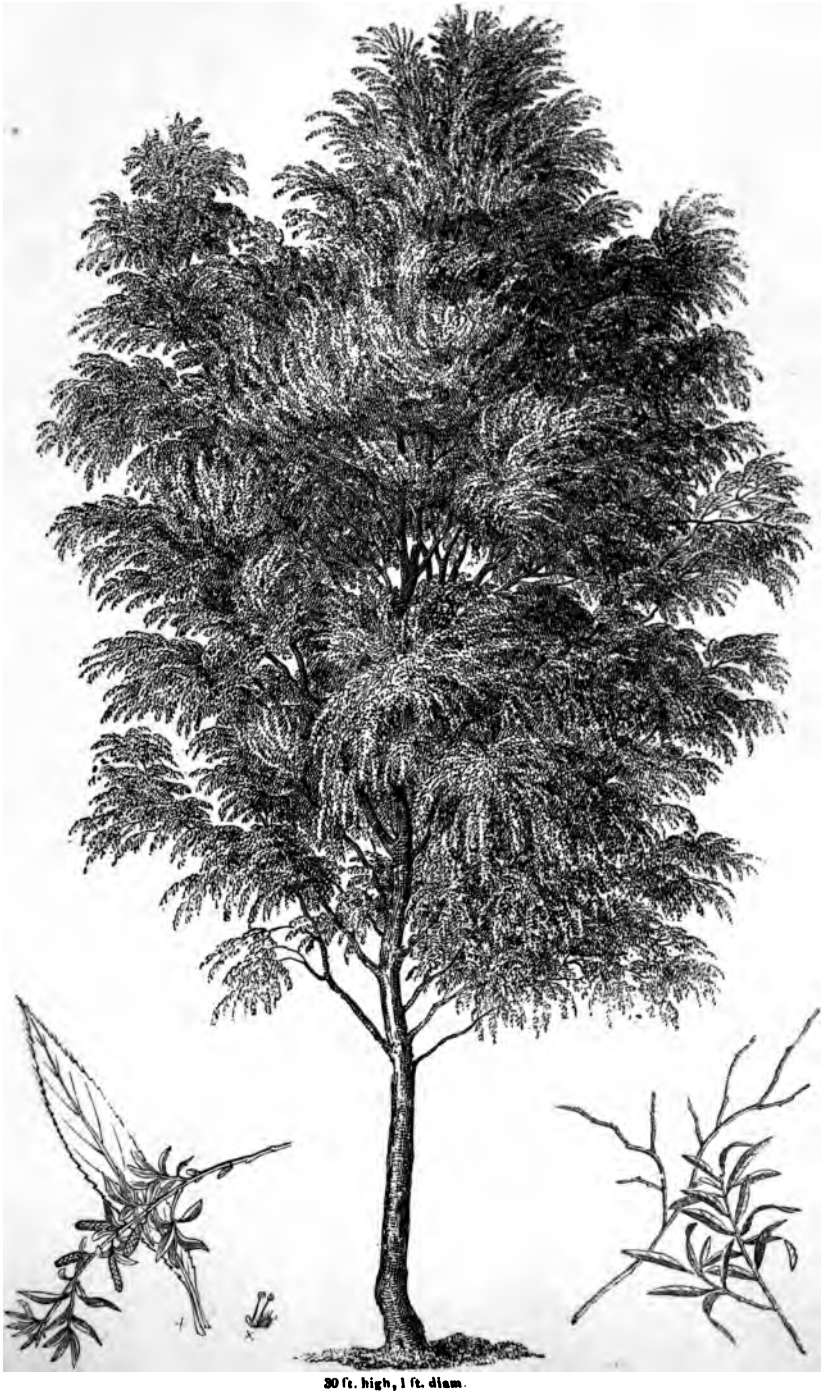
## *Sàlix frágilis.*

## The fragile-*twigged* Willow.



## *Sàlix álba.*

## The white-*leaved* Willow.

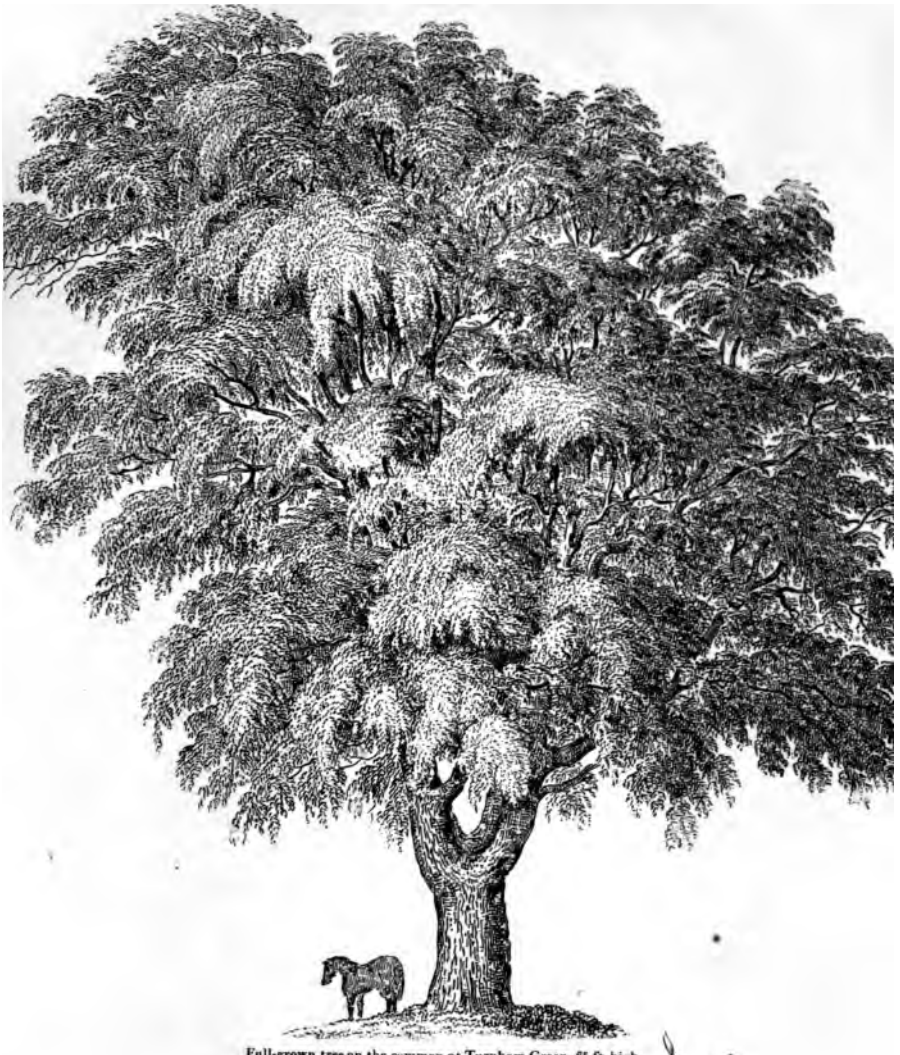


30 ft. high, 1 ft. diam.

## LXII. r.

*Sàlix álba.*

The White, *or Huntingdon*, Willow.

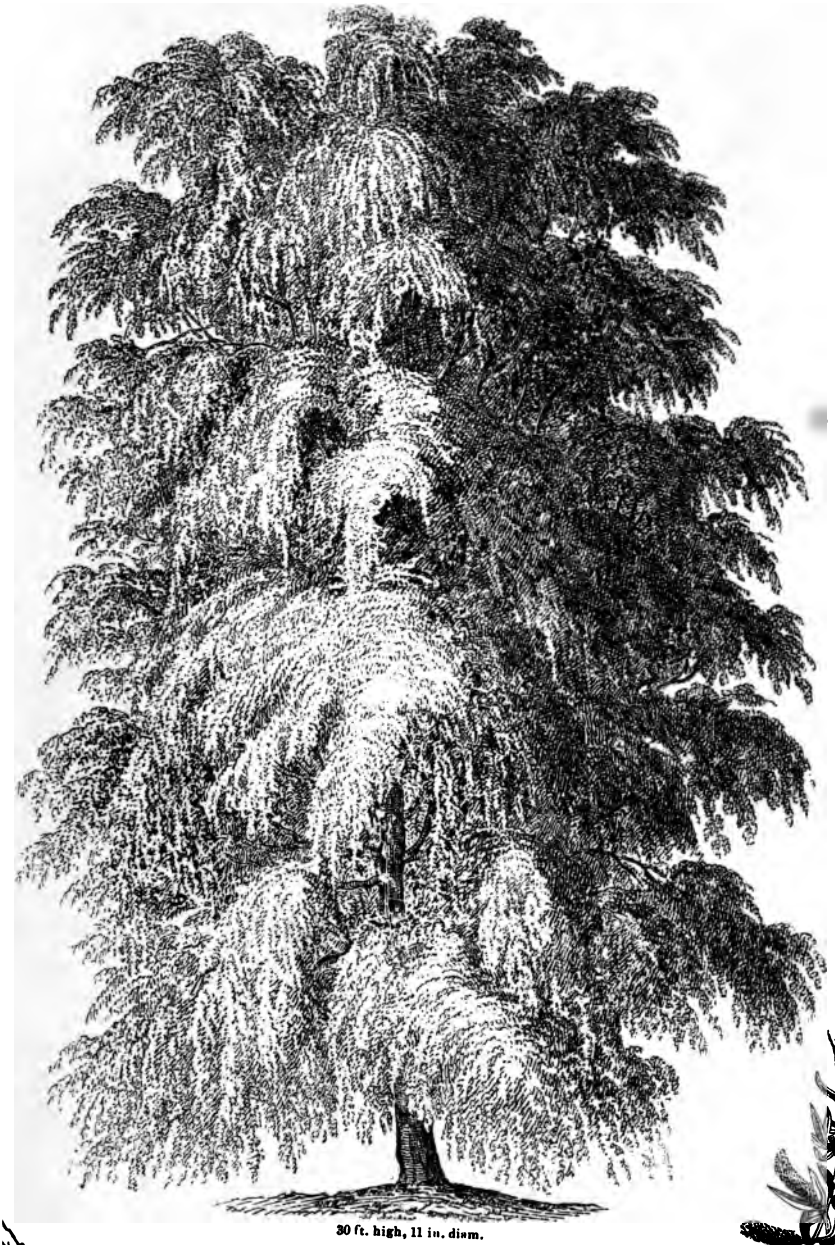


Full-grown tree on the common at Turnham Green, 65 ft. high.
[Scale 1 in. to 12 ft.]

## LXII. c.

### *Sàlix vitellìna.*

The *yellow*, or yolk of egg, *barked* Willow.



30 ft. high, 11 in. diam.

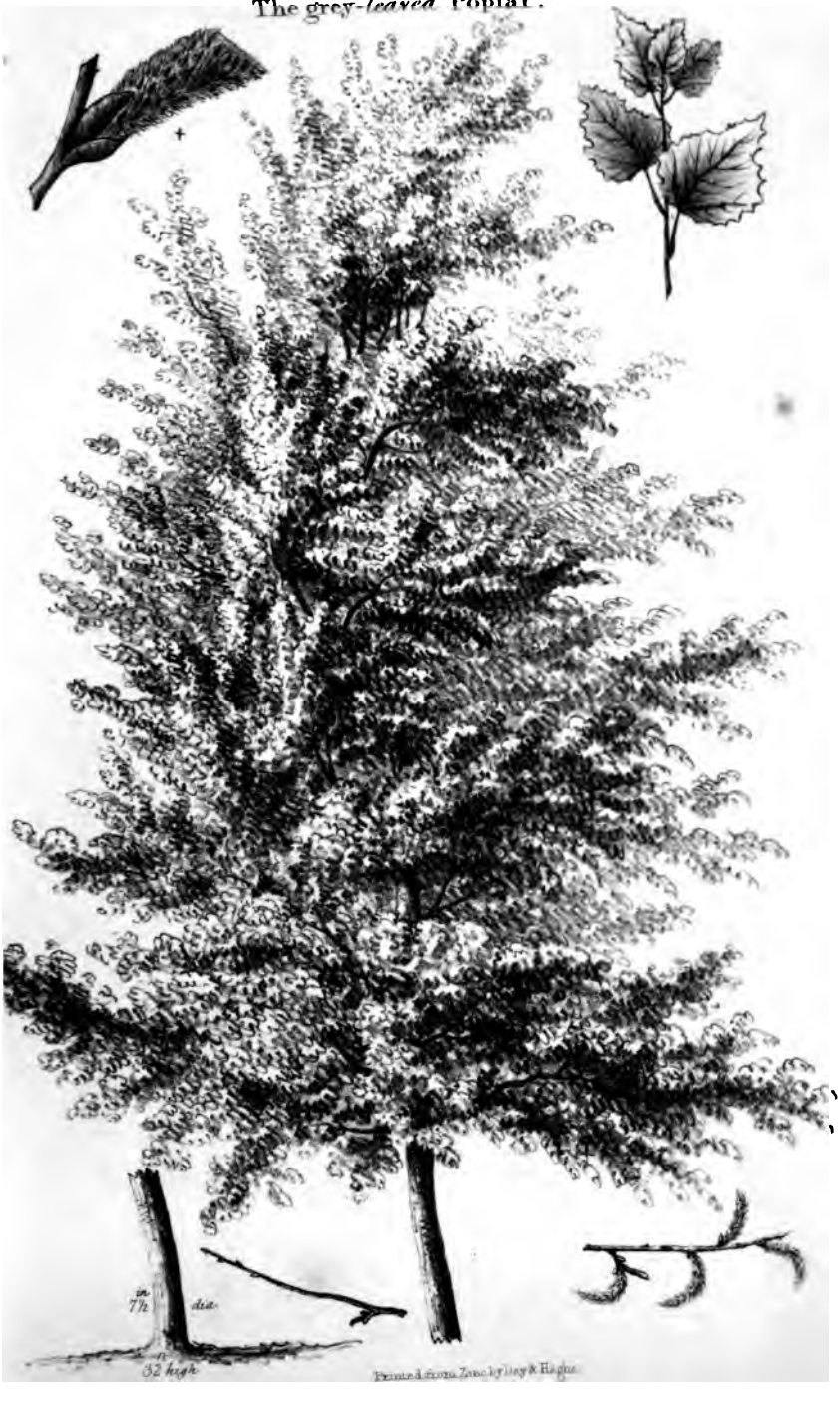
*Pópulus álba.*

The white-*leaved* Poplar, *or Abele tree.*

LXIII. B.

*Pópulus canéscens.*

The grey-*leaved* Poplar.



# *Pópulus trémula.*

## The *British* trembling *leaved* Poplar.

Printed from Zinc by Day & Haghe.

*Pópulus trémula péndula.*

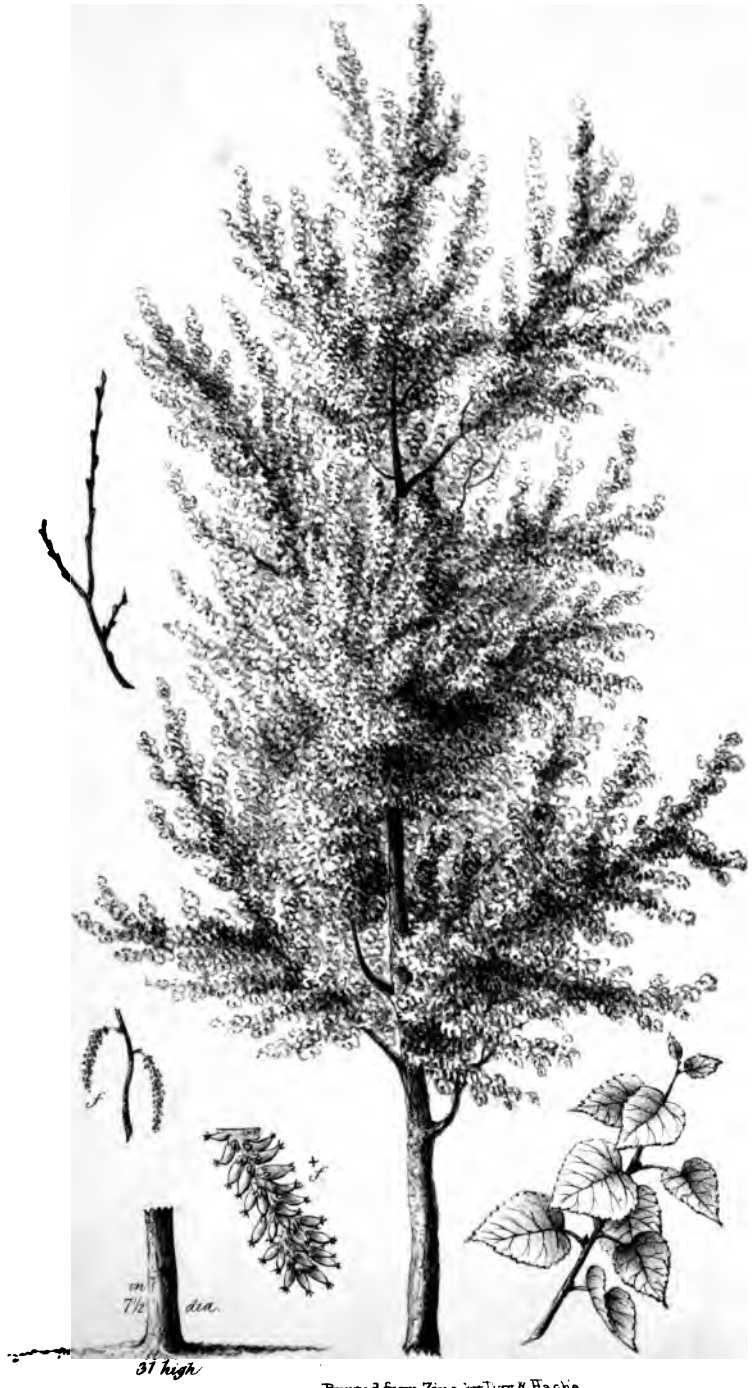
The pendulous-*branched* trembling-*leaved* Poplar.

14 ft. high, 2 in. diam.

LXIII. E.

*Pópulus græca.*

The Greek, *or Athenian* Poplar.

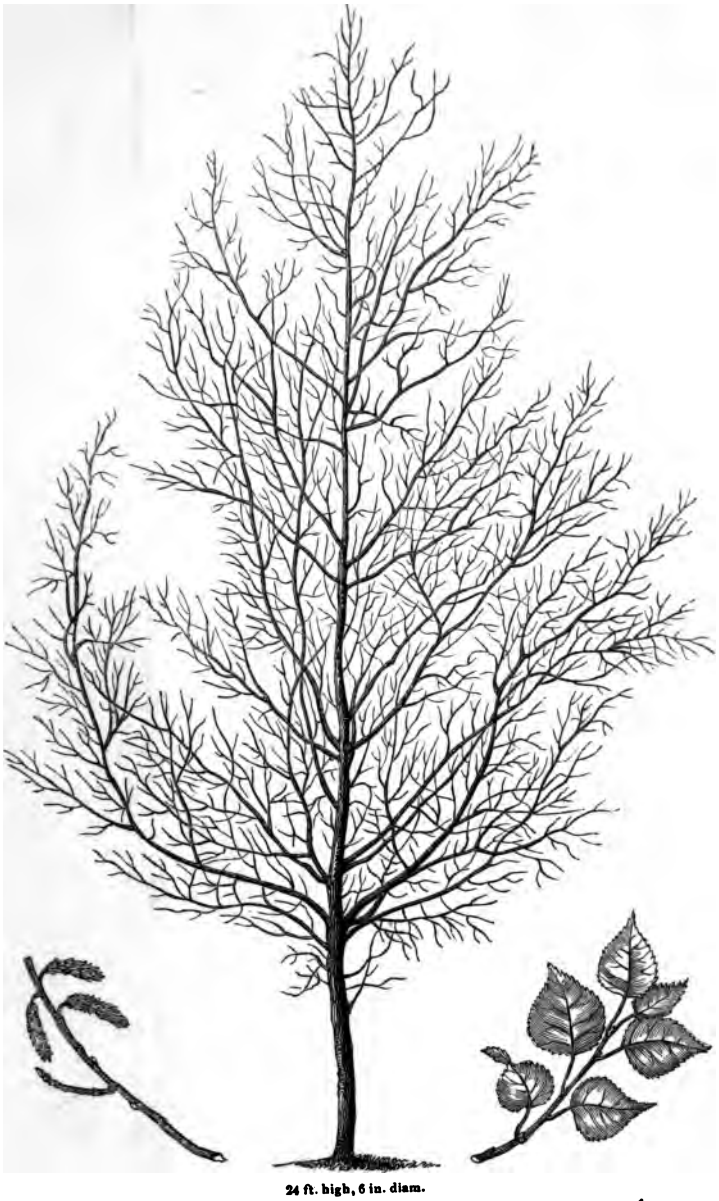



Printed from Zinc. by Day & Haghe.

## LXIII. F.

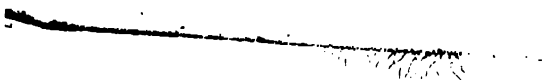
*Pópulus nìgra.*
The black Poplar.

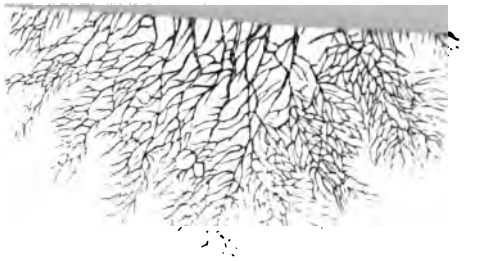
*Pópulus nìgra.*
The black Poplar.



24 ft. high, 6 in. diam.

*mag.*





LXIII.

*Pópulus monilifera.*

The necklace-*like-catkin*-bearing *or Black Italian* Poplar.

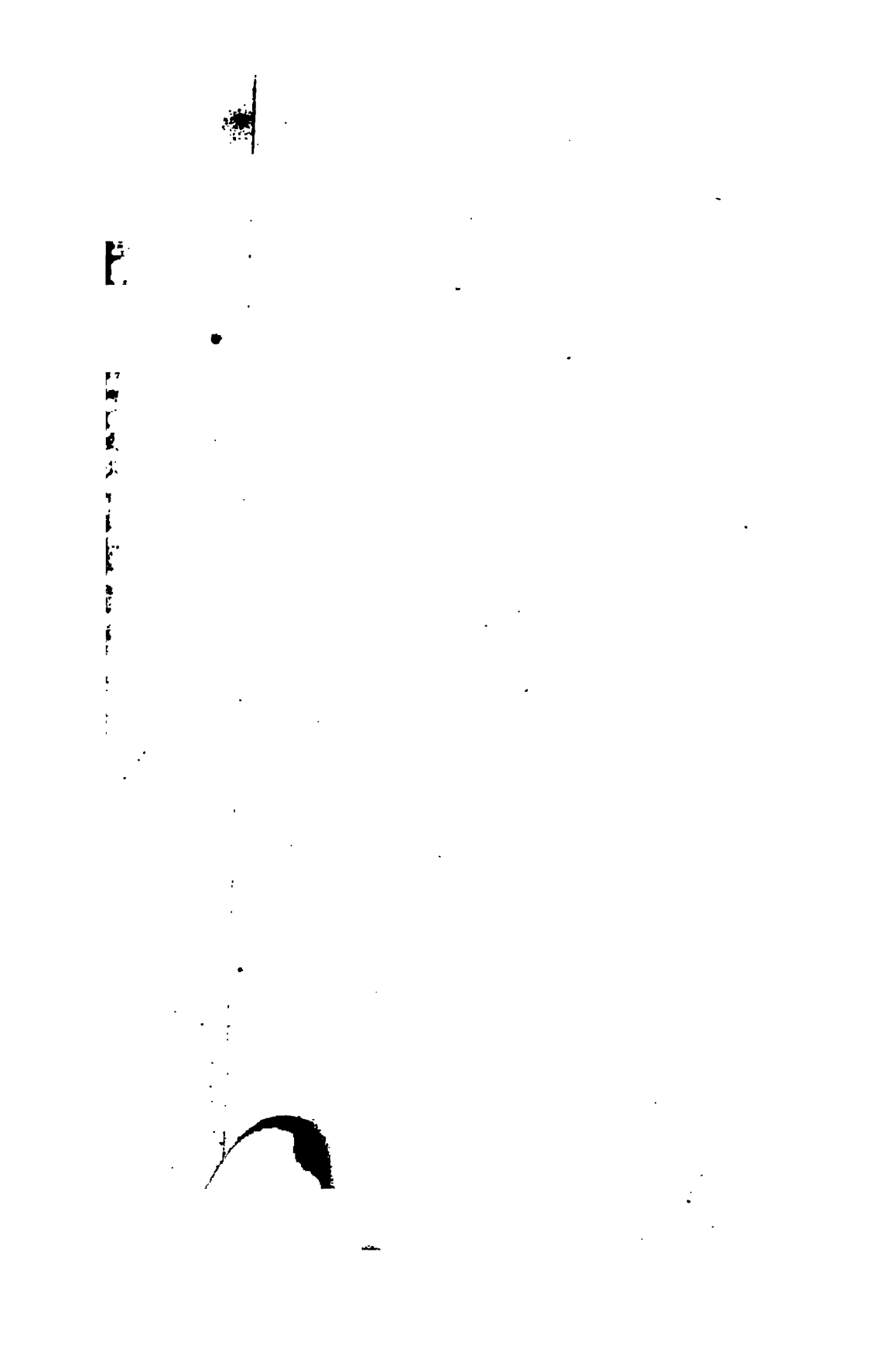
Printed from Lino by Day & Haghe

*Pópulus monilífera.*

The necklace-bearing, *or Black Italian*, Poplar.

*Pópulus monilífera.*

The necklace-bearing, ***Canadian, or Black Italian,*** Poplar.

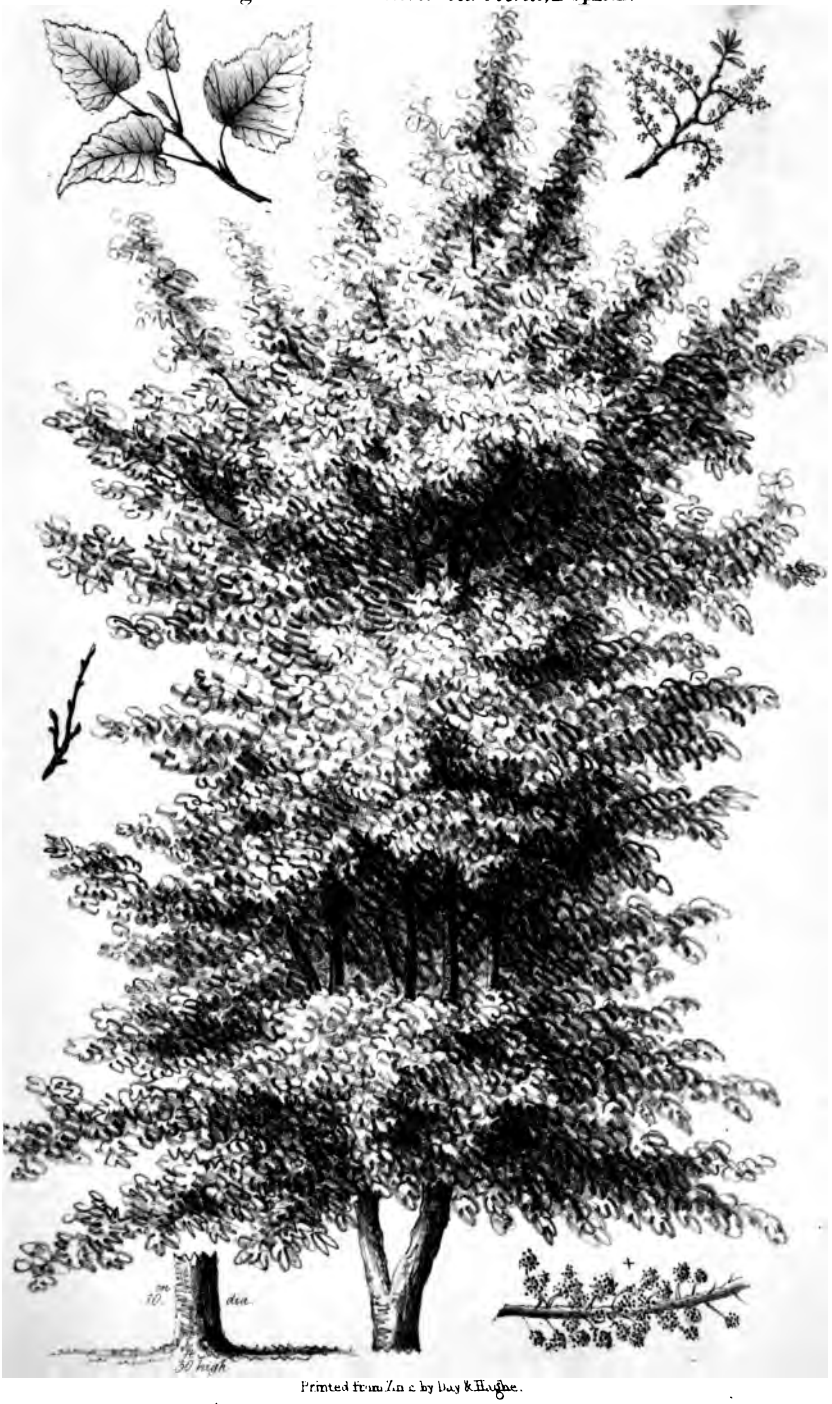


LXIII. 11.
*Populus dilatata*.
The widened-*leaved*, or *Lombardy*, Poplar.

LXIII. L.

*Pópulus angulàta.*

The angular-*branched, or Carolina,* Poplar.




Printed from Zinc by Day & Haghe.

## LXIII. L.

### *Pópulus angulàta.*

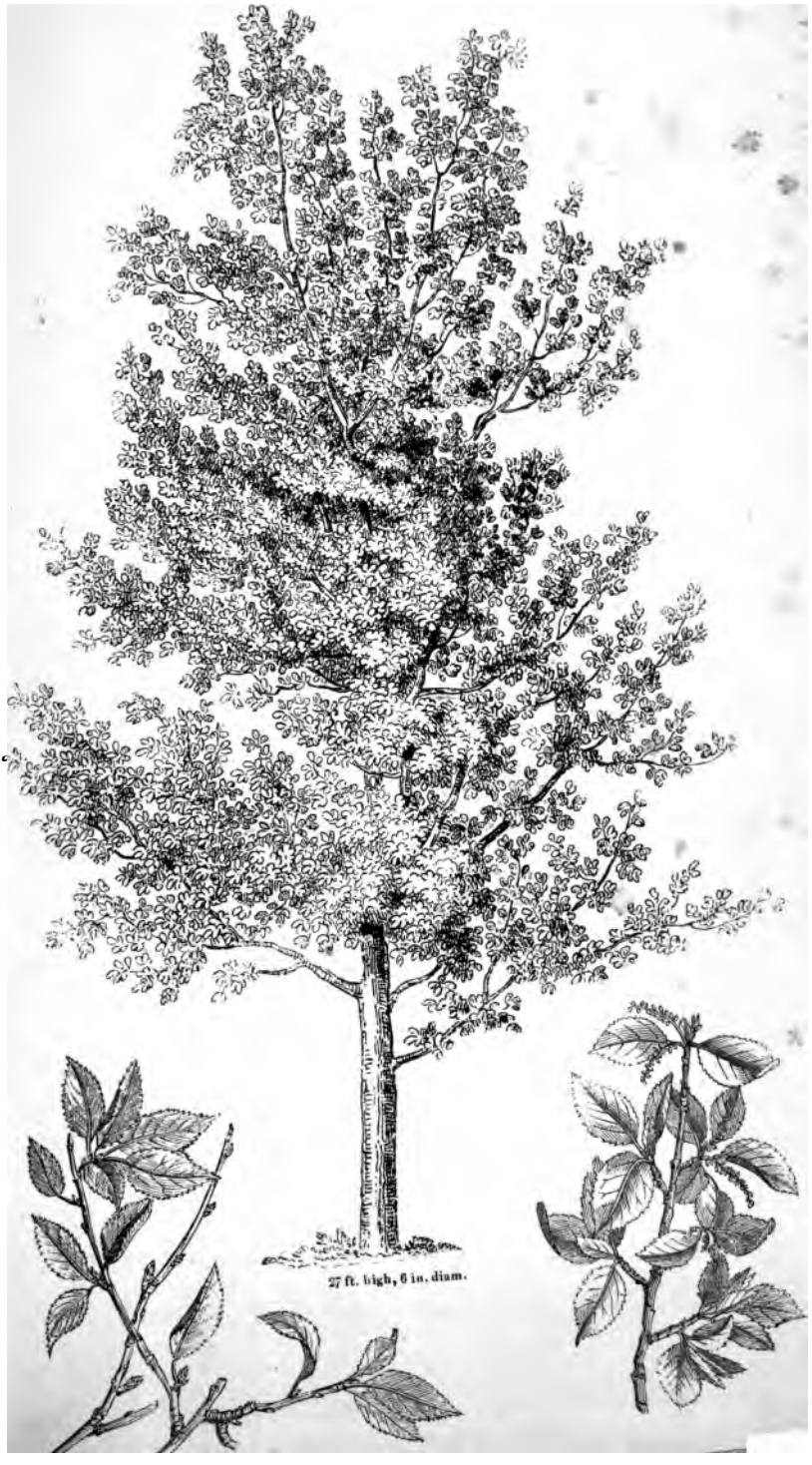
### The angular *branched* Poplar.

Full-grown tree at Syon, 63 ft. high.
[Scale 1 in to 12 ft.]

## LXIII. M.

### *Pópulus balsamífera.*

### The Balsam-bearing Poplar.



## *Pópulus balsamífera.*

## The balsam-bearing Poplar.

Full-grown tree at Syon, 40 ft. high; diam. of the trunk, 3 ft.; and of the head 30 ft
[Scale 1 in. to 12 ft.]

LXIII.

*Pópulus cándicans.*

The whitish *heart-shaped-leaved* Poplar.

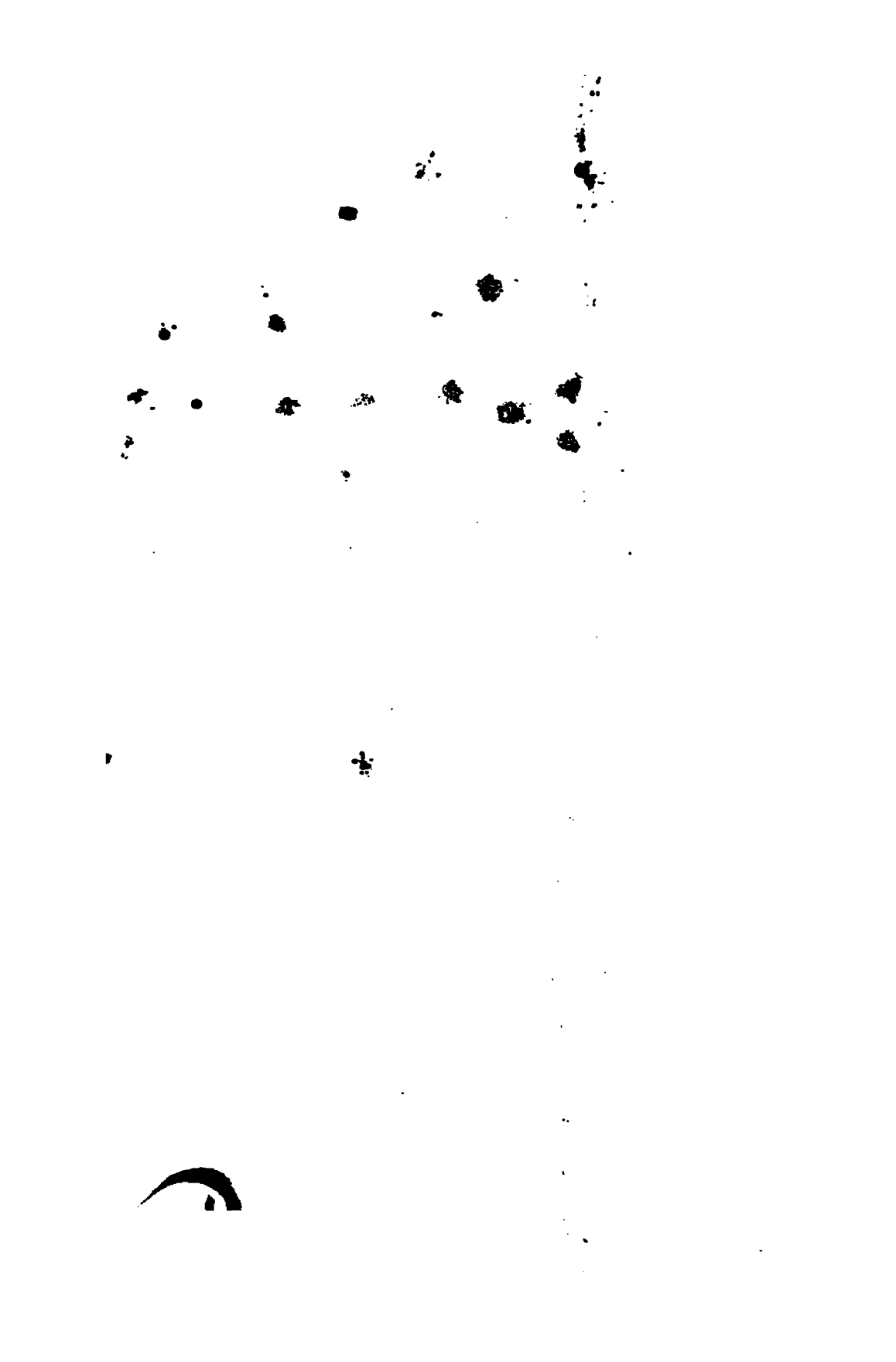
LXIV.A.

*Alnus glutinosa.*

The *common, or* glutinous *-leaved* Alder

Printed from Zinc by Day & Haghe

Alnus glutinòsa laciniàta.
The cut-*leaved* glutinous-*leaved or common* Alder.



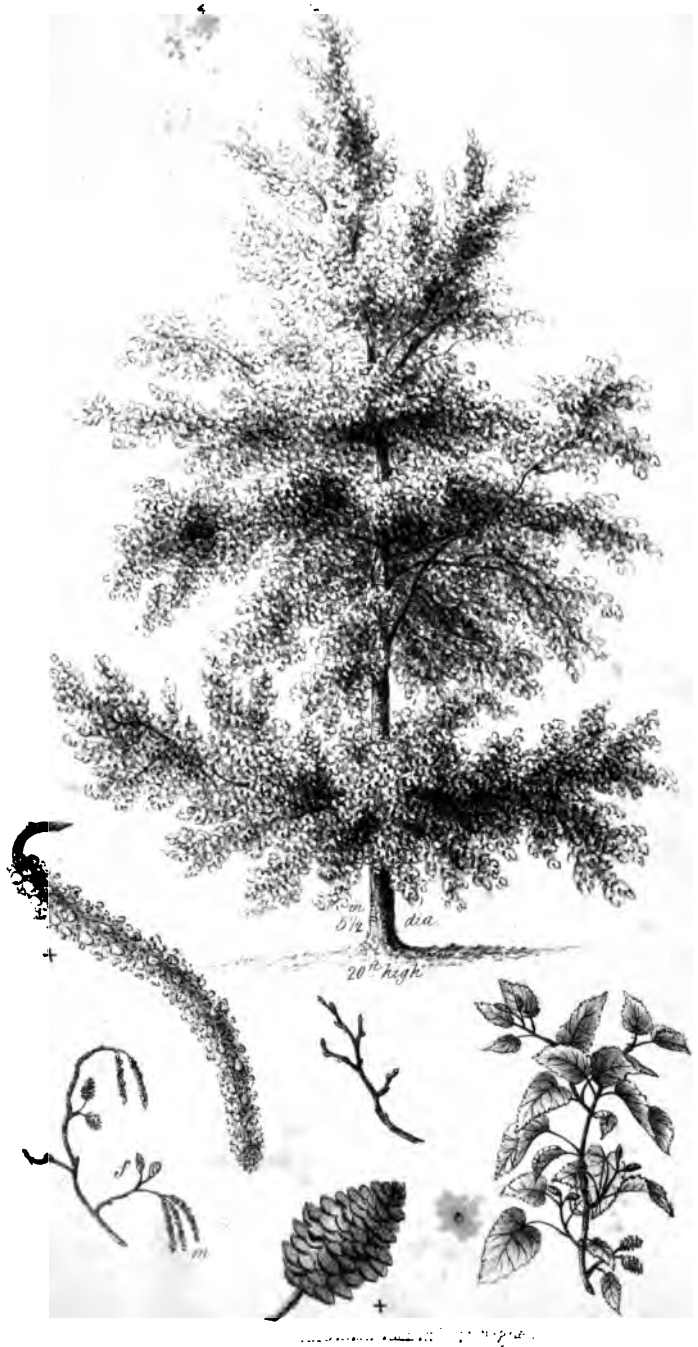
## *Quércus* pedunculata.
## The *common*, or stalk-fruited Oak.

**Full grown tree in Kensington Gardens, 67 ft high; trunk, 6 ft. diam.; head, 47 ft. diam.**
[Scale 1 in to 12 ft.]

LXIV. b.

*Alnus cordifòlia*

The heart-*shaped*-leaved Alder.



## LXI. A.

*Bétula álba péndula.*

The pendulous White Birch.

LXV.c.

*Bétula populifòlia.*

The Poplar-leaved Birch.

LXV. t.

*Bétula papyràcea.*

The papery-*barked* Birch.

Printed From Zone by Day & Haghe.

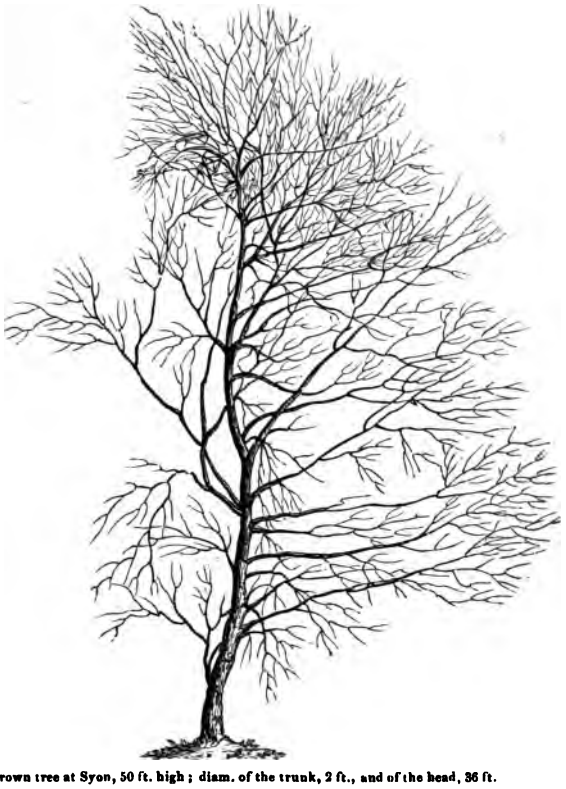
## LXV. B.

## *Bétula nìgra.*

## The black Birch.

## *Bétula nìgra.*

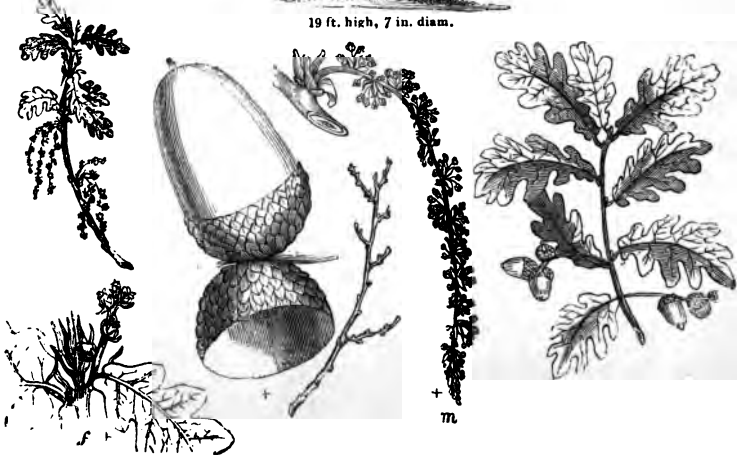
## The black Birch.



Full-grown tree at Syon, 50 ft. high; diam. of the trunk, 2 ft., and of the head, 36 ft.
[Scale 1 in. to 12 ft.]

*Quércus pedunculàta.*
The stalked-*fruited British* Oak.

19 ft. high, 7 in. diam.

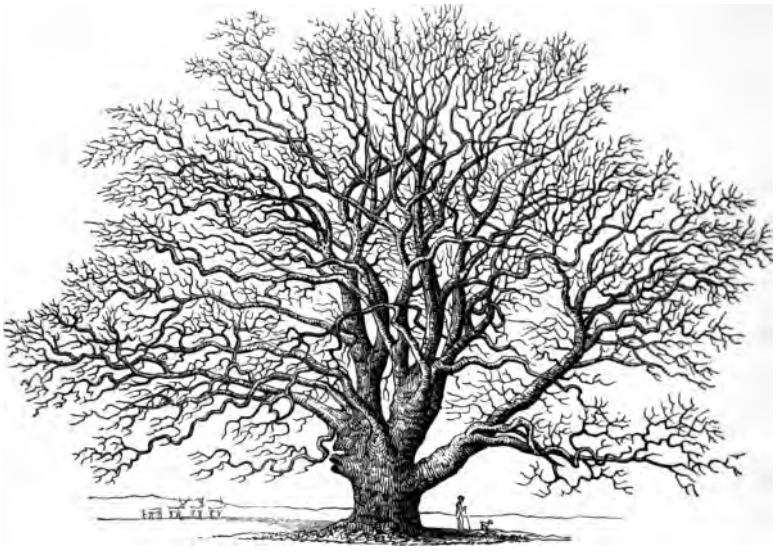


## *Quércus* pedunculata.
## The *common*, or stalk-fruited Oak.

**Full grown tree in Kensington Gardens, 67 ft. high; trunk, 6 ft. diam.; head, 47 ft. diam.**
[Scale 1 in. to 12 ft.]

## *Quércus pedunculàta.*

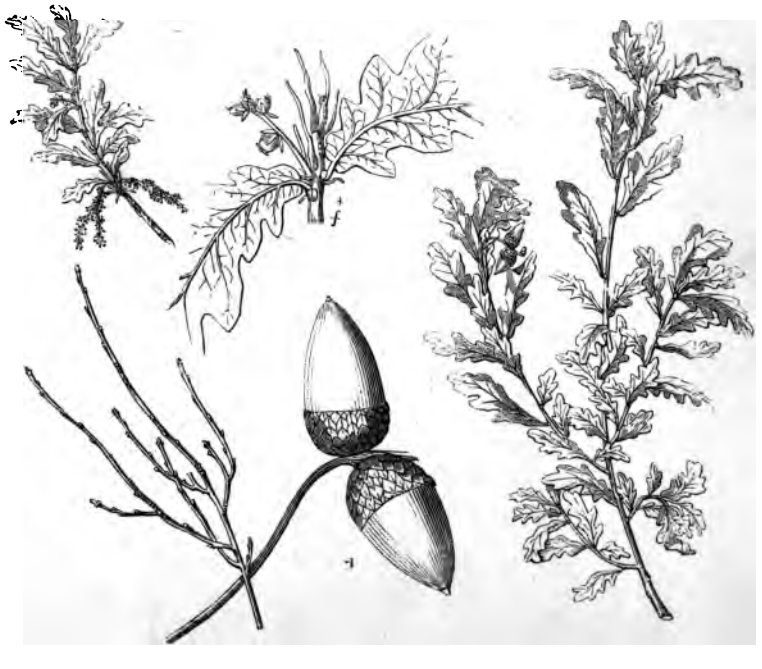
The pedunculate-*fruited British* Oak.



Full-grown tree at Studley, 80 ft. high; diam. of the trunk, 8 ft. 2 in.; and of the head, 91 ft.
[Scale 1 in. to 30 ft.]

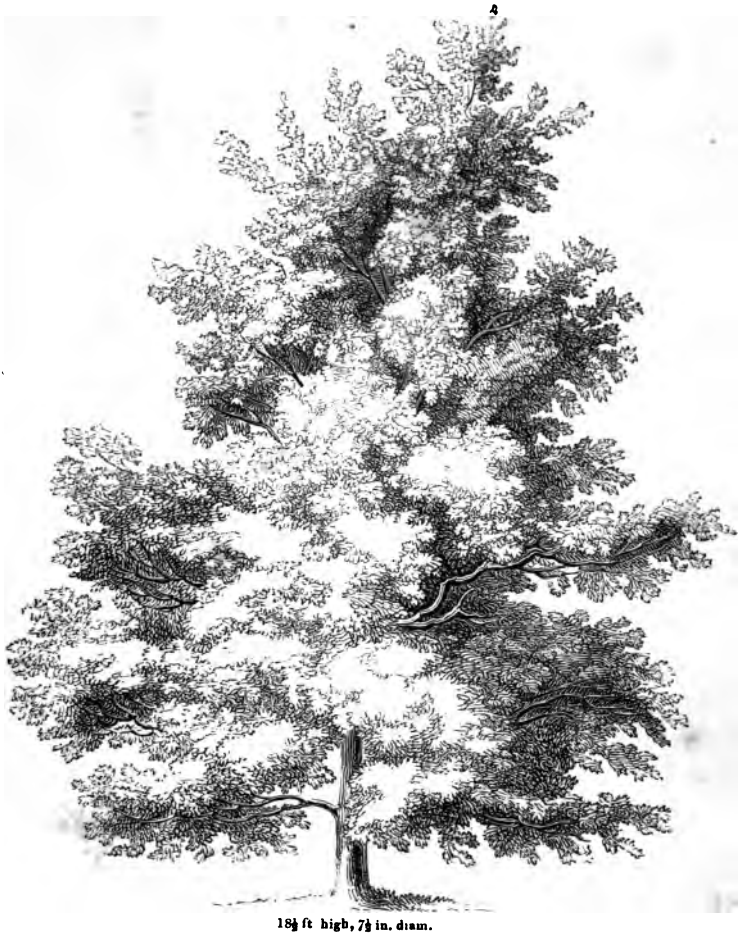
*Quércus pedunculàta fastigiàta.*
The upright-*growing* pedunculated Oak.

14 ft. high, 1½ in. diam.



## *Quércus sessiliflòra.*

## The sessile-flowered *British* Oak.



18½ ft high, 7½ in. diam.

d *British* Oak.

## *Quércus sessiliflòra.*

## The sessile-flowered *British* Oak.

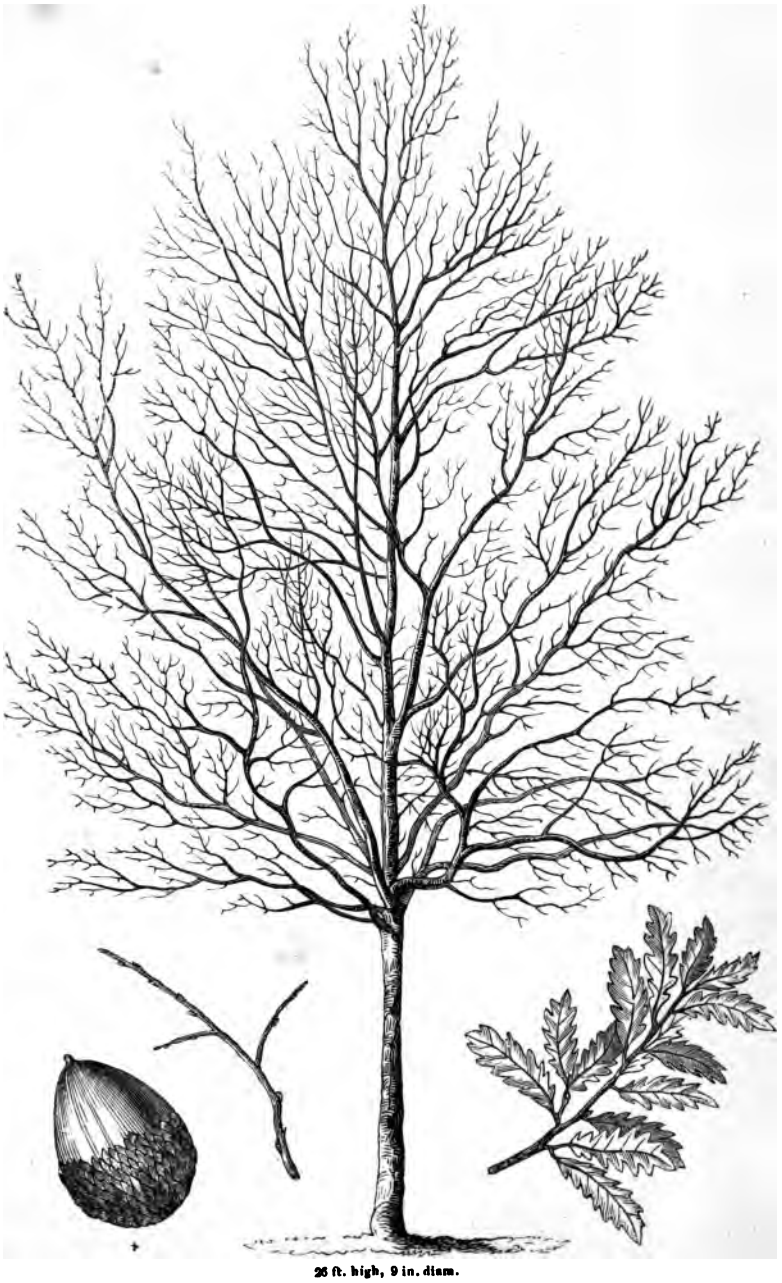
Full-grown tree at Studley Park, 118 ft. high; diam. of the trunk, 11 ft. 6 in.; and of the head, 95 ft.
[Scale 1 in. to 30 ft.]

*Quércus Ésculus.*

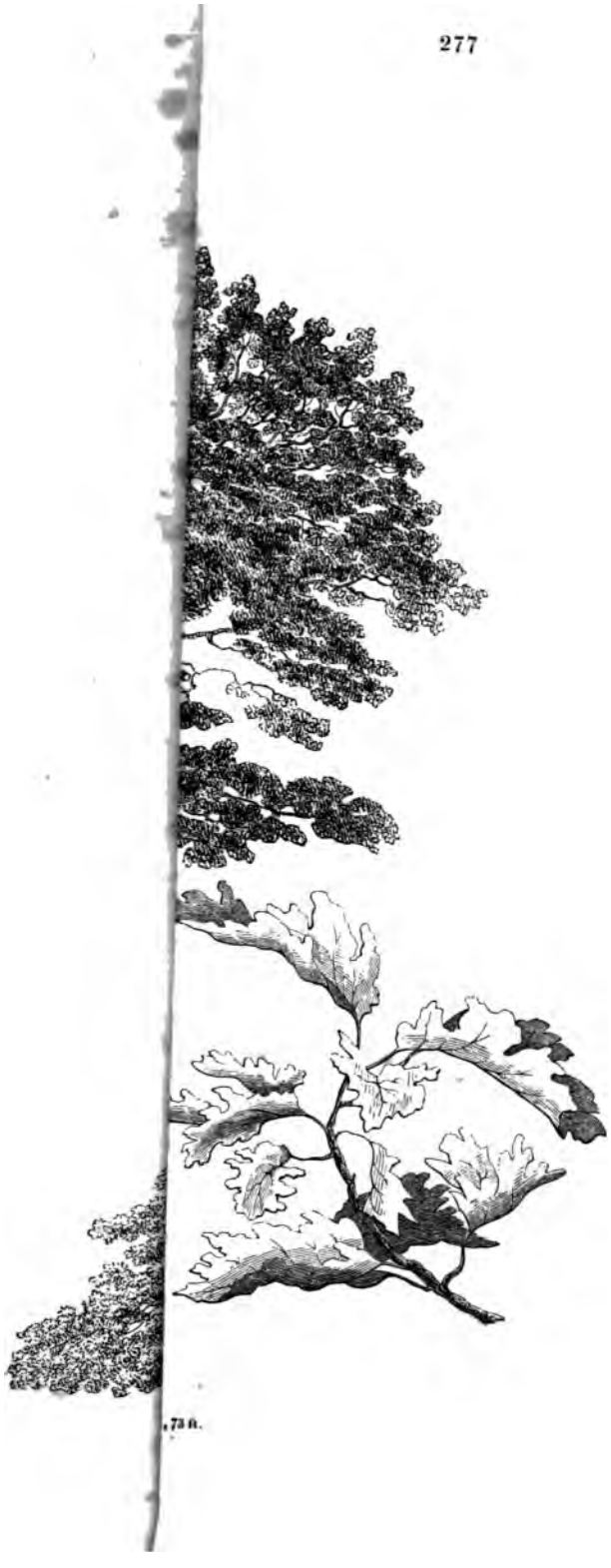
The Esculus, *or Italian* Oak.

## *Quércus Cérris.*

## The bitter, *or Turkey*, Oak.



26 ft. high, 9 in. diam.



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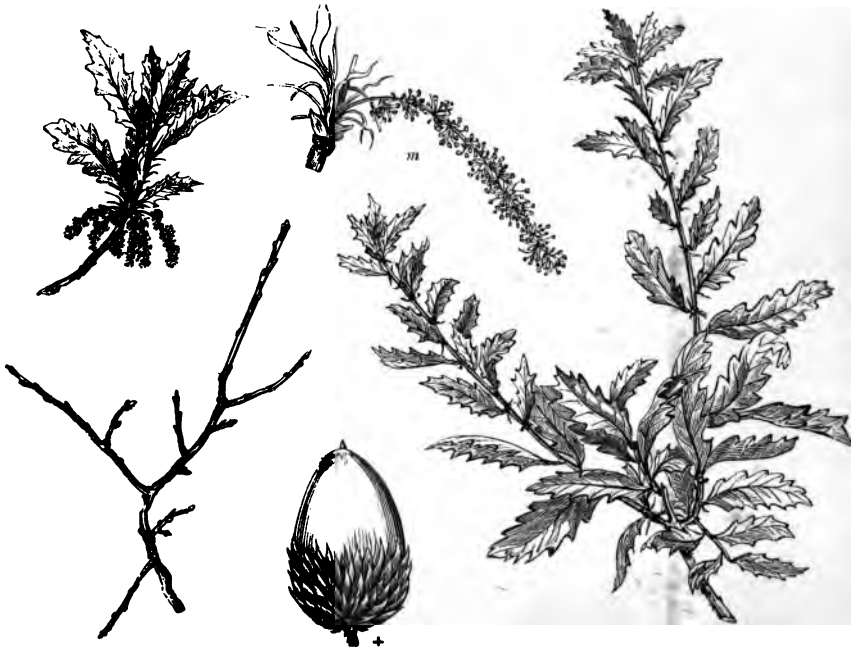
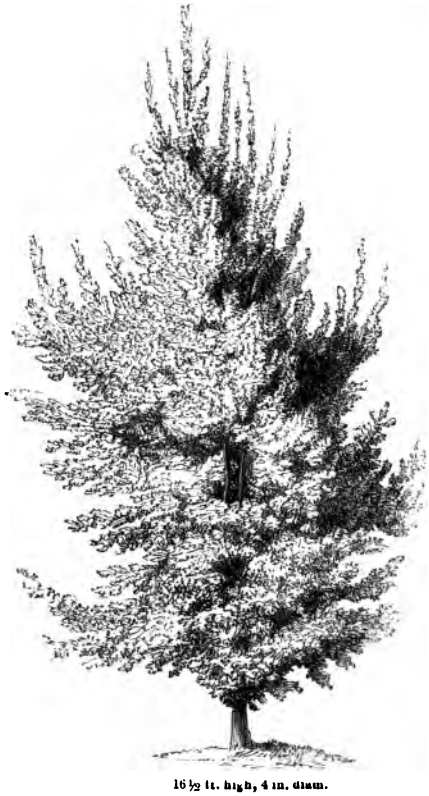
*Quércus Cérris austrìaca.*
The Austrian Cerris Oak.



*Quércus Cérris dentàta.*
The tooth-*leaved* Turkey Oak, *or the Fulham* Oak.



16½ ft. high, 4 in. diam.

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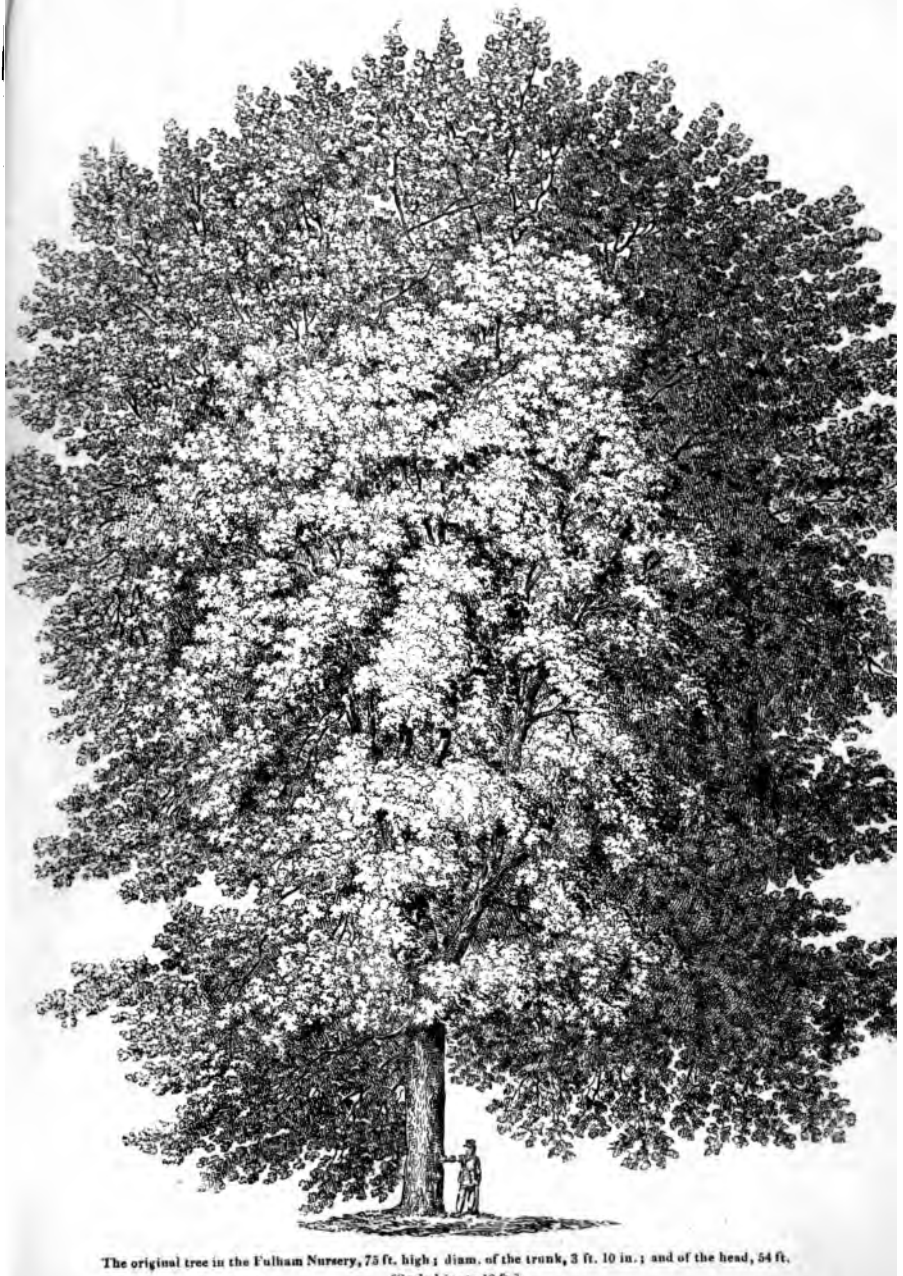
*Quércus Cérris fulhaménsis.*

The Fulham Turkey Oak.

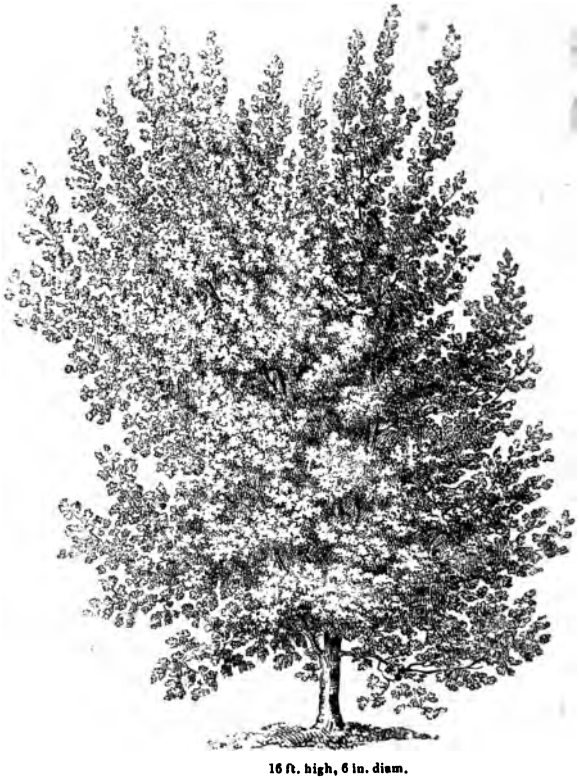


The original tree in the Fulham Nursery, 75 ft. high; diam. of the trunk, 3 ft. 10 in.; and of the head, 54 ft.
[Scale 1 in. to 12 ft.]

head, 54 ft

## *Quércus Cérris Lucombe*àna.

## Lucombe's Turkey Oak.



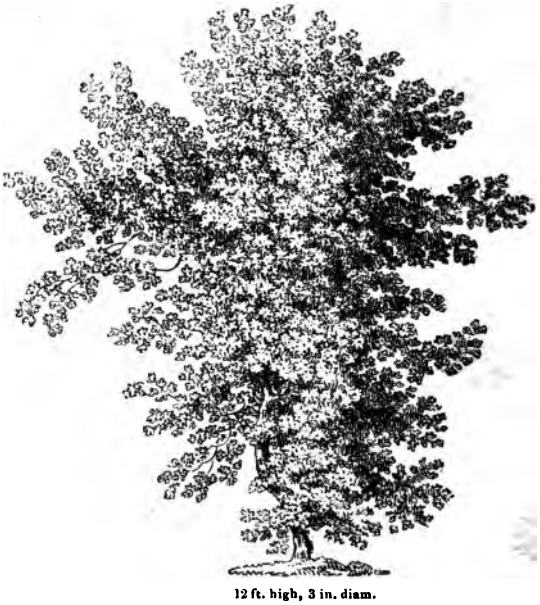
16 ft. high, 6 in. diam.

## *Quércus Cérris Lucombeàna.*
## Lucombe's Turkey Oak.

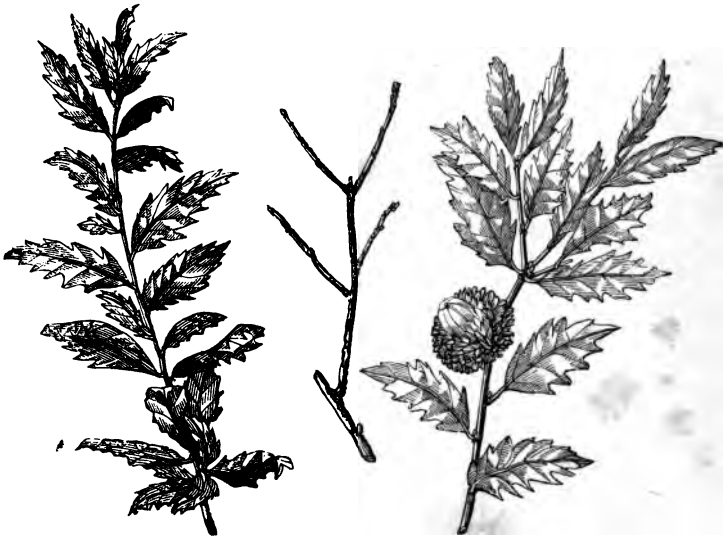
Full-grown tree in the Fulham Nursery, 63 ft high; diam. of the trunk, 4½ ft.; and of the head, 50 ft.
[Scale 1 in. to 12 ft.]

## *Quércus Ægilops.*

## The Ægilops, *or Velonia*, Oak.



12 ft. high, 3 in. diam.



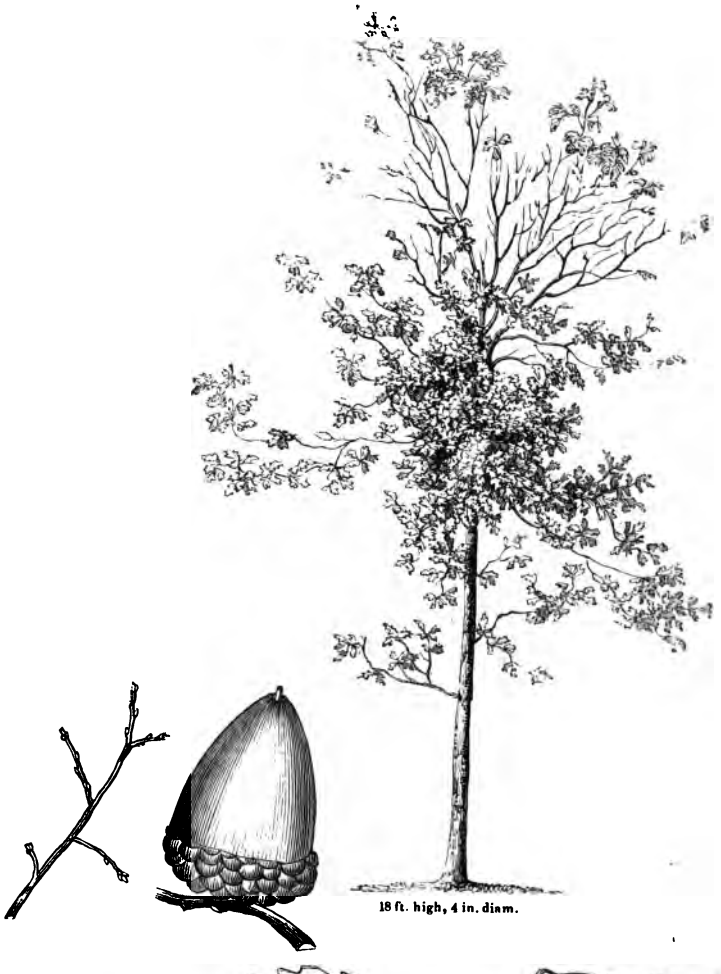
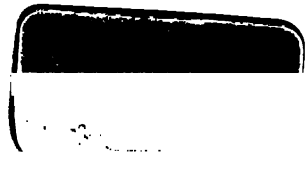
## *Quércus Ægilops.*

## The Ægilops, *or Velonia* Oak.

Full-grown tree at Syon, 24 ft. high; diam. of the trunk, 18 in.; and of the head, 30 ft.
[Scale 1 in. to 12 ft.]

*Quércus álba.*

The White *American* Oak.



18 ft. high, 4 in. diam.